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MODULE



ULIMI BUKU LA APHUNZITSI

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Musanayambe

Chidziwitso cha padera cha mphunzitsi wa zaulimi.

Pali maphunziro khumi mugawoli. Maphunziro anayi oyambirira amapereka maziko a Baibulo a ulimi. Chifukwa ntchito zaulimi zimasiyana malinga ndi chikhalidwe, nyengo, ndi malo ena, luso laulimi lomwe lili mu gawoli likukhudza mitu yodziwika bwino monga nthaka, zakudya, minda, tizilombo, ndi ziweto. Mitu imeneyi itha kugwiritsidwa ntchito m'malo osiyanasiyana, komabe maphunzirowa angafunikire kusinthidwa m'dera lanu.

Tinagwiritsa ntchito mfundo zochokera mu Kulima mu Njira ya Mulungu, Kulima Mwachilengedwe ndi Kusamalira Chilengedwe, ndipo tinalandira malingaliro kuchokera kwa ena odziwa bwino za ulimi kuti tipange gawoli. Komabe, sife akatswiri a zaulimi, kotero chonde onaninso maphunziro 5-9 ndipo mutha kugwiritsa ntchito katswiri wakumaloko kuti asinthe zida zomwe zikufunika pazochitika zanu. Phunziro lomaliza lipereka nthawi yoti mupange dongosolo logwiritsa ntchito maluso omwe aphunzitsidwa mu gawoli kapena kupeza maphunziro ochulukirapo kuchokera kwa akatswiri amderali, maboma kapena mabungwe ena.

Ngati madera anu salima kapena kuweta ziweto, mutha kusintha gawoli ndi gawo lina la chitukuko cha chuma cha mabizinesi ang'onoang'ono.

Kukonzekera Kuphunzitsa Phunziro

1. Werengani **Bukhu la Aphunzitsi** mosamala, kangapo ngati nkotheke. Onetsani kapena lembani zolemba m'mbali mwa masamba kuti mukumbukire mfundo zofunika.
2. Yang'anani **mfundo zazikulu** za phunziro lililonse kuti mudziwe zomwe ophunzira ayenera kuphunzira mu phunzirolo.
3. Werengani **malemba** onse a mtsogolo.
4. Yang'anani kuti muwone **zipangizo** zomwe zikufunika m'phunziro lililonse ndikupanga Zothandizira Zowoneka zomwe zimagwiritsidwa ntchito mu phunziro.
5. Onetsetsani kuti mukuzidziwa bwino **ntchito** iliyonse muphunziro (masewero, masewera, zowonera). Mutha kuziyeserera ndi banja lanu kapena anzanu.
6. Khalani ndi nthawi **yopemphera** kuti Mulungu akonzekeretse ophunzirawo, kuti ophunzirawo amve zimene Mulungu akufuna kuti amve, ndiponso kuti akuthandizeni kuphunzitsa zinthuzo. Kumbukirani kuti ndi mphamvu ya Mulungu yokha yomwe tidzaona anthu akusintha.

Momwe Mungagwiritsire Ntchito Bukhuli la Mphunzitsi

1. **Mfundo Zazikulu ndi Zipangizo:** Phunziro lililonse limayamba ndi gawo ili.
 - a. **Malingaliro Ofunika-** Awa ndi mfundo zofunika kwambiri zomwe ophunzira akuyenera kuzimvetsetsa pakutha kwa phunziro lililonse. Pamapeto pa phunziro khalani ndi nthawi yobwereza ndikuwonetsetsa kuti ophunzira amvetsetsa malingalirowa.
 - b. **Zipangizo-** Zida zofunikira zalembedwa paphunziro lililonse.
 - i. **ZITHUNZI-** zidzalembedwa motere. Ayenera kusindikizidwa pasadakhale.
 - ii. Tikukulimbikitsani kukhala ndi mapepala, bolodi, kapena bolodi kuti mugwiritse ntchito ndi gulu lalikulu.
 - iii. Maphunziro a Ophunzira ndi osankha. Gawo lililonse la phunziro lomwe lili ndi masamba olingana mu Bukhu la Wophunzira lalembedwa mu Bukhu la Mphunzitsi monga chonchi:

2. **Malangizo Otsogolera:** Pali malangizo apadera mu phunziro kuti akuthandizeni kutsogolera bwino maphunziro. Izi siziyenera kugawidwa ndi ophunzira. Werengani izi patsogolo kuti mukhale okonzeka kutsogolera zokambirana ndi zochita. Mafunso ena adzakhalanso ndi mayankho opendekeka kuti akuthandizeni inu monga otsogolera kudziwa zomwe muyenera kufotokoza mwa ophunzira. Awa si mayankho abwino okha, koma mayankho abwino.

Phunziro 1: Dziko lapansi ndi la Yehova

Mfundo Zazikulu

1. Dziko lathu ndi zolengedwa zonse nza Mulungu, ndipo amasangalala ndi zolengedwa Zake zonse.
2. Tisamalire bwino nthaka yathu chifukwa ndi ya Mulungu.

Zipangizo

1. Makhadi opanda kanthu/mapepala (10-20 pa gulu)

Mawu Oyamba

Mutuwu ukunena za Agriculture. Pa maphunzirowa, tidzaphunzira zimene Baibulo limaphunzitsa pa nkhani ya ulimi ndi ulimi ndiponso udindo wa Mulungu komanso udindo wathu wosamalira nthaka.

KUKAMBIRANA KWA GULU LALIKULU

- Kodi mukuchita nawo bwanji ulimi? (kukhala ndi famu, kulima mbewu, kugulitsa mbewu, etc.)
- Kodi munda umene umalima ndi ndani? Kodi anapeza bwanji malowo?
- N'chifukwa chiyani malo ndi ofunika?
- Kodi anthu amakhulupirira chiyani pa nkhani ya malo m'deralo? Kodi ndi chonde? Kodi amaonedwa kuti ndi otembereredwa?

Malo ndi ofunika pafupifupi kulikonse padziko lapansi. Imabala chakudya, ndi nyumba ya ziweto, ndipo timamangapo nyumba zathu. Dziko ndi mbali ya chilengedwe cha Mulungu ndipo Baibulo lili ndi nzeru zambiri zotiphunzitsa za kufunika kwake ndi cholinga chake.

Kuti timvetse bwino zimene Baibulo limanena pa nkhani ya dziko lapansi ndi zonse zili mmenemo, tiyenera kumvetsa kusiyana kwa zimene Baibulo limanena ndi mmene zikhalidwe zathu zimaonera ndiponso mmene zimachitira ndi nthaka.

Dziko Lapansi Ndi la Yehova

ZOCHITA ZA MAGLULU ANG'ONO

Malangizo Otsogolera: Lipatseni gulu lililonse makadi 10 mpaka 20 kuti alembe kapena kujambula pa ntchitoyi.

M'magulu anu, tchulani ZONSE zofunika pa ulimi ndi ulimi monga:

- Zida
- Zida ndi zipanganizo za nyengo iliyonse
- Zinthu zofunika kuti mbewu zikule

1. Lembani kapena jambulani lingaliro limodzi pa khadi lililonse.
2. Penepo mupite kupityila kudi kadi ne kwibapanganya mu milombelo mibiji: bumo bwa bintu byonso budi na Leza ne bulongolodi bwa bantu.

NENO LABWINO

- Kodi mulu wanu wa zinthu za Mulungu muli chiyani?
- Ndi zinthu ziti zomwe zili mu mulu wanu wa zinthu za anthu? Kodi munapezapo chilichonse chomwe sicha Mulungu?

KUKAMBIRANA KWA GULU LALIKULU

Werengani Deuteronomo 10:14 ndi Salimo 24:1.

- Kodi Baibulo limati zinthu zonse ndi zake ndani? Kodi izi zikutanthauza chiyani?
 - *Mulungu amatero. Mulungu adachilenga, ndipo zonse nzake. Amatikhulupirira kuti tidzasamalira zolengedwa Zake, koma nzake.*
- Ngati izi ndi zoonza, ndiye kuti munda umene mumalima ndi ndani? Zida zake ndi ndani?
 - *Mulungu amatero.*

Werengani Genesisi 1:1-10, 31.

- Kodi mukuganiza kuti Mulungu amamva bwanji akamaona chilengedwe chake? Za malo omwe mumalima?
 - *Anatcha zolengedwa Zake zonse zabwino mu Genesis 1.*
- Kodi mukuganiza kuti Mulungu amafuna kuti tiziganizira bwanji chilengedwe chake?
 - *Tiziyamikira chifukwa cha mphatso yabwino.*
 - *Tiyenera kuganiza za izo ngati zabwino.*
- Kodi mukuganiza kuti Mulungu amafuna kuti tizichitira zinthu ndi zolengedwa zake?
 - *Iye amafuna kuti tiziusamalira, kuuyang'anira, ndi kuusamalira.*
- Kodi panopa timaona chilengedwe ngati kuti n'chofunika kwambiri kwa Mulungu?

KUKAMBIRANA KWA MAGULU ANG'ONO

- Kodi ndi njira ziti zina zomwe mungachitire malo anu, nyumba yanu, ndi chilichonse chomwe muli nacho mosiyana ngati mumakhulupirira kuti ndi cha Mulungu ndipo amachilemekeza kwambiri?

KUKAMBIRANA KWA GULU LALIKULU

Malangizo Otsogolera: Werengani nkhani yotsatirayi.

Mabanja Atatu Olima

M'dera lina, anthu onse anali alimi. Mabanja ambiri anali ndi minda ya masamba kuti adyetse mabanja awo, koma malo ambiri ankaliwapo mitundu iwiri ya mbewu zomwe zinali zosavuta kugulitsa. Dzikolo linali m'mapiri ndipo linali lovuta kulima. Kumapeto kwa tsiku lililonse kunali kofala kumva anthu akunena kuti, 'Dziko ili n'lachabechabe kupatulapo kutiletsa ife osauka kuti tisafe. Nayi nkhani ya mabanja atatu a alimi mdera lino:

Banja loyamba linkagwira ntchito mwakhama kuposa ena onse. Bamboyo ankafuna kulima mbewu zambiri chaka chilichonse, choncho anaganiza zodula mitengo yonse ya m'munda mwawo kuti awonjezere kulima kwawo. Anapezanso njira yopezera madzi okwanira pa nthaka yatsopanoyo popatutsa madzi ena a mthirira wa mnansi wake. Anamva nkhani za madera ena za momwe angagwiritsire ntchito mankhwalu kupha tizirombo komanso kuchulukitsa ulimi. Iye adati ayesa chilichonse ngati zingatanthauze mbewu zambiri komanso ntchito yochepa.

Banja lachiwiri linawona kuchepa kwa madzi m'dera lina la nthaka yake (chifukwa chakuti mnansi wake anali kupatutsira madzi ku malo akeake) ndipo anasankha kusadzalabe m'dera limenelo. Iye anaganiza kuti kwa zaka zisanu ndi chimodzi chabala mbewu zambiri ndipo zingakhale bwino kulisiya chaka chonsecho. Ngakhale kuti zinapangitsa kuti malo ake olima akhale ochepa, iye ankakhulupirira kuti Mulungu amupatsa. Iye ndi mkazi wake ankapemphera kuti Mulungu adalitse zokololazo chaka chilichonse, ndipo nthawi zonse ankapereka zokolola zawo kwa anthu a m'dera limene ankasowa. Iye ndi ana ake ankagwira ntchito m'minda tsiku lililonse mosamalitsa kubzala ndi kupalira. Onse pamodzi anapemphera kuti Mulungu awapatse nzeru kuti adziwe zoyenera kuchita ndi zoti asachite. Iwo anakafunsana ndi akatswiri a m'derali ndipo anazindikira kuti akufunika kubzala mbewu zina kuti abwezeretse nitrogen m'nthaka yawo. Choncho, anasakaniza nyemba ndi mbewu

zawo zina kuti nthaka yawo ikhale yabwino. Anathokoza Mulungu chifukwa cha chilichonse, monga nthaka, zokolola, ntchito, mvula, ndi dzuwa.

Banja lachitatu m'derali silinkathera nthawi yambiri likusamalira malo awo. Anauza aliyense kuti nthaka yawo ndi yoipa kwambiri m'deralo. Zinyama zawo zinali kuwononga dzikolo ndipo magwero awo amadzi anali oipitsidwa ndi zinyalala za anthu. Iwo anabzala mbewu imodzi imene sinavutike kwambiri kukolola chaka chilichonse. Zaka zambiri sanapeze zokolola zokwanira kuti banja lawo likhale ndi moyo kwa miyezi yoposa isanu ndi umodzi. M'kupita kwanthawi anagulitsa malo awo kwa mmodzi wa anansi awo ndi kusamukira kumalo ena.

- Ndani anachita ngati kuti Mulungu ndiye mwini dziko lawo?
 - *Banja lachiwiri - mlimi, mkazi, ndi ana.*
- Kodi iwo anachita chiyani chosonyeza kuti anazindikira kuti Mulungu ndiye mwini wa dziko lawo?
 - *Anapempherera nzeru.*
 - *Anapempherera mbewu.*
 - *Anakhulupirira kuti Mulungu adzawapatsa zosowa zawo.*
 - *Perekani mbewuzo kwa ena osowa.*
 - *Anapempha malangizo a momwe angagwiritsire ntchito bwino malo awo.*
 - *Anabzala zomera za nayitrogeni kuti abwezeretse nthaka.*
 - *Kuyamika Mulungu pa chilichonse.*
 - *Anagwira ntchito molimbika pa nthaka yawo.*
- Kodi zimenezi zinali zosiyana bwanji ndi zimene ena anachita komanso zimene ankakhulupirira?
 - *Kukhulupirira dzikolo kunali kopanda pake.*
 - *Kuchita chilichonse, kuphatikiza zinthu zomwe zimawononga nthaka, kuchulukitsa mbewu (kudula mitengo yonse, kugwiritsa ntchito mankhwala, kuwononga nthaka).*
 - *Kutengera kwa ena kuti apindule bwino.*
 - *Osasamalira nthaka.*
 - *Kulola dziko kuti liipitsidwe ndi kuwonongedwa.*
 - *Kuchita zinthu mophweka.*
- Kodi ndi zitsanzo zina ziti za mmene tingachitire zinthu mosiyana tikadziwa kuti Mulungu ndiye mwini wa malo athu ndi zonse zomwe tili nazo?
 - *Perekani gawo la zokolola zathu kwa Mulungu.*
 - *Samalirani dziko mmene Mulungu amatisamalirira.*
- Kodi izi zingakhudze bwanji momwe mumalima podziwa kuti Mulungu ndiye mwini wake wa chilichonse?

Mulungu ndi Mlengi wa zinthu zonse ndipo zonse nza lye. Dziko lathu ndi lamtengo wapatali chifukwa ndi mbali ya chilengedwe cha Mulungu. Choncho, nthaka ya Mulungu ndiyofunika kuyikapo ndalama ngakhale sitikudziwa zotsatira zake. Tikamasamalira dziko la Mulungu ndi chilengedwe chonse, timalemekeza Mulungu.

Kugwiritsa ntchito

Mlungu uno, khalani ndi nthawi yoona chilengedwe cha Mulungu. Yang'anani zinthu zokongola ndi kumuthokoza chifukwa cha izi. Pamene mukusangalala ndi kukongola kwa dziko limene Mulungu analenga, m'pempheni kuti akusonyezeni mmene mungalisamalire bwino lomwe monga njira yosonyezera chiyamikiro chanu kaamba ka chilengedwe Chake chokongola chimene anatipangira ife kukhalamo.

Phunziro 2: Udindo wa Anthu Pakulenga

Mfundo Zazikulu

1. Mulungu akufuna kuti anthu azilamulira, azisamalira (kulera), ndi kuyang'anira chilengedwe chonse.

Zipangizo

1. Zothandizira Zowoneka
 - a. Kodi Ndani Akulamulira Chilengedwe? (*ngati akugwiritsa ntchito ngati sewero*)
 - b. Makhadi olenga (*seti imodzi yotengedwa mu gawo 3*) - pangani gulu lililonse
2. Chinthu chimodzi chamtengo wapatali (onani 'Mawu Otsogolera: Malangizo Otsogolera')

Mawu Oyamba

Malangizo Otsogolera: Bweretsani chinthu chamtengo wapatali kwa inu—mwinamwake chinaperekedwa ndi banja lanu kapena chuma chamtengo wapatali chopangidwa ndi winawake wapadera kwa inu. Onetsani chinthu chamtengo wapatali kwa gulu ndikugawana nkhani ya momwe mudakhalira nacho, chifukwa chake chili chofunikira kwa inu, ndi phindu laumwini lomwe lili nacho kwa inu. Kenako funsani munthu mmodzi pagululo kuti abwere. Perekani kwa munthuyo ndikumupempha kuti azisamalire. Athokozeni chifukwa chokhala okonzeka kuusamalira. Mubweranso ku izi kenako mu phunziro ili.

Ndife Adindo a Chilengedwe cha Mulungu

KUKAMBIRANA KWA GULU LALIKULU

Werengani Genesis 1:26-28.

- Kodi udindo wa Adamu ndi wosiyana bwanji ndi mbali zina zonse za chilengedwe?
 - *Mulungu adapanga Adamu kuti azilamulira chilengedwe chonse - nyama, mbalame, nsomba, zomera, ndi zina zotero.*
- Kodi Mulungu akufotokoza bwanji udindo wa Adamu wosamalira chilengedwe? Pogwiritsa ntchito mawu anuanu, fotokozani tanthauzo la mawuwa?
 - *Kuchilamulira—kukhala ndi ulamuliro pa icho.*
 - *Kudzaza dziko lapansi—kulisamalira, kulisamalira, kuliteteza ndi kulikulitsa.*
 - *Kuugonjetsera—kuulamulira ndi kuulamulira.*

M'Baibulo timaona kuti tapatsidwa udindo wosamalira, kuteteza, ndi kulamulira chilengedwe.

ZOCHITA ZA GULU LAKULU – NKHANI KAPENA MASEWERO

Malangizo Otsogolera: Mukhoza kuwerenga **ZINTHUNZI** - Yemwe Amalamulira Chilengedwe nkhani kapena anthu odzipereka achite sewero. Pa sewero, m'mbuyomu, funsani anthu atatu kapena anayi kuti atenge udindo wa alimi (amuna, akazi, ndi ana) komanso anthu awiri kapena atatu kuti azisewera makoswe. Pogwiritsa Ntchito Zowoneka: Ndani Amalamulira Chilengedwe, werengani nkhanayi ndipo funsani anthu odzipereka kuti ayesere pamene mukuwerenga.

Mulungu anapatsa anthu ulamuliro ndi mphamvu zolamulira chilengedwe mwanzeru mwa kuchisamalira, kuchiteteza, kuchikulitsa, ndi kusangalala nacho. Anthu ambiri amakhulupirira kuti, m'malo mwake, anthu amalambuliridwa mwachibadwa ndi kuti tili m'manja mwa chilichonse chimene chimachitika m'chilengedwe.

Kodi Ndani Akulamulira Chilengedwe?

M'mudzi wina wa kumapiri a ku South America munali vuto lofala limene anthu anali kukumana nalo. Kwa mibadwo yambiri, anthu ankabzala ndi kukolola chimanga. Tsiku lililonse amuna, akazi, ndi ana ankapita kukalima m'minda.

("Alimi" ayesetse ntchito zonse zomwe zimafunika pokonzekera, kubzala, ndi kukolola chimanga). Anakonza nthaka. Anabzala mbewu mosamala. Iwo ankaonetsetsa kuti mbewuzo zili ndi madzi okwanira komanso zakudya zokwanira kuti zikule.

Kulima kunali ntchito yolimba (Amuna amatuluka thukuta ndi kupukuta mphuno, akazi kukhala ndi zilonda zamsana, ndipo ana akudandaula kuti akutopa kwambiri). Zimenezi zinkafuna thandizo la aliyense, choncho nthawi zambiri anawo sankakhoza kupita kusukulu. Ngakhale kuti ankagwira ntchito mwakhama bwanji, nthawi zonse zinkaoneka ngati alibe chakudya chokwanira chaka chonse.

Panthawiyi panalinso banja la makoswe onenepa komanso osangalala omwe ankakhala m'mudzimodzi. Tsiku lonse makoswe ankakhala m'nyumba yozizirirapo, makoswe achikulirewo ankangogona n'kumawerenga nyuzipepala, ndipo ana ang'onoang'ono ankathamanga uku akusewera. Iwo ankasangalala ndi moyo wawo wosalira zambiri, makamaka m'nyengo yokolola, chifukwa ankatha kudya chimanga chimene ankafuna n'kutenga zokwanira kuti adzachisungira m'tsogolo pamene anthu sakanachipeza.

KUKAMBIRANA KWA GULU LALIKULU

- Fotokozani zomwe zidachitika mu sewero/nkhani iyi.
- M'nkhaniyi, ndani wanzere, anthu kapena makoswe?
- Ndani analamulira m'derali, anthu kapena makoswe?
- Kodi tikuphunzira chiyani pa nkhanayi?

Baibulo limati amuna ndi akazi ayenera kulamulira chilengedwe. Mulungu anawadalitsa powapatsa luso la kulenga zinthu komanso luso la kuganiza ndi kulingalira chifukwa analengedwa m'chifanizo chake. Mulungu amafuna kuti anthu azigwiritsa ntchito luso la kulenga limene anawapatsa kuti amvere mfundo yolamulira chilengedwe, osalola kuti chilengedwe chiziwalamulira.

- Kodi mfundo za m'nkhaniyi zikukhudza bwanji dera lathu?
- Perekani chitsanzo chimodzi kapena 2 cha momwe dera lanu lathetsera vuto (monga makoswe) ndikupeza njira zopangira 'kulamulira chilengedwe.'

KUKAMBIRANA KWA MAGULU ANG'ONO

- Kodi ndi mavuto ena ati amene mukukumana nawo m'dera lanu amene zikuoneka kuti chilengedwe chikulamulira anthu?
- Kodi njira zina zothetsera mavutowo ndi ziti? Ngati simukudziwa mayankho, mungafunse ndani mayankho?

NENO LABWINO

Kusamalira chilengedwe sikungogwiritsa ntchito mphamvu zathu zakuthupi; tifunikanso kugwiritsa ntchito maganizo athu ndi nzeru zathu polima munda, kuusamalira, ndi kuulamulira. Tikamalamulira (ntchito ndi kusamalira chilengedwe) timamvera malamulo a Mulungu kwa ife ndipo tikuonetsa chifaniziro chake kwa ena.

Kugwiritsa ntchito

KUKAMBIKIRANA KWA GULU LALIKULU

Malangizo Otsogolera: Werengani nkhani yotsatirayi.

Ku Uganda mbusa wina adachita nawo maphunziro a TCT. Iye anakhudzidwa mtima ndi phunziro la mu gawo 3 la mmene tiyenera kugwiritsira ntchito mwanzeru zimene Mulungu watipatsa. Madzulo a tsiku limenelo anapita kunyumba n'kukapemphera kuti, "Mulungu, kodi pali chilichonse chimene ndili nacho chimene sindichigwiritsa ntchito mwanzeru?" Mulungu anamukumbutsa kuti anali ndi malo okwana maekala awiri amene bambo ake anamusiyira omwe sanaume. Anadabwa kuti atani.

Tsiku lina ali pa msika anawona ma lorry akubweretsa mapapaya. Mulungu anamukumbutsa kuti, "M'papaya muli mbewu zingati?" Ambiri ankaganiza. Choncho, Mulungu adamuza kuti agwiritse ntchito \$1 kuti agule mapapaya awiri. Anapita nawo kunyumba n'kukabzala mbewuzo m'nyumba yosungiramo nazale. Atakonzeka, anasamutsira mbewuzo kuminda yake. Pasanatthe chaka chimodzi anali ndi mitengo ya mapapaya 300 m'munda mwake, ndipo malole amene ankawaona pamsika tsopano anali kubwera kunyumba kwake! Anakhala chitsanzo chabwino kwa anthu amudzi mwake. Anali wokhoza kulipirira sukulu ana ake ndipo anali kuthandiza ena amene anali kukumana ndi mavuto.

- Abusa adatani?
 - Anapemphera.
 - Mapapaya obzalidwa momvera kuchonderera kwa Mulungu.
- Kodi zinatheka bwanji kuti m'busayo akhale mdindo wabwino pa zimene Mulungu anam'patsa?
 - Iye anabzala nthaka yake – ankafuna kugwiritsa ntchito nthaka imene Mulungu anam'patsa mwanzeru.
- Kodi zotsatira zake zinali zotani?
 - Anali ndi zokwanira osati za banja lake lokha komanso zothandiza ena.

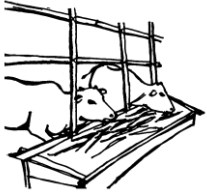





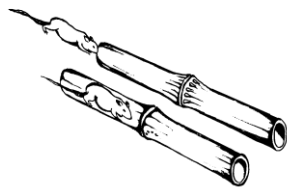


ZOCHITA ZA MAGULU ANG'ONO (magulu 3-4)

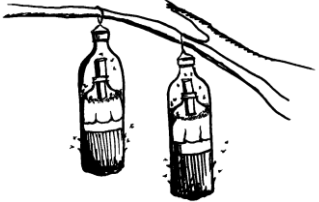


Malangizo Otsogolera: Gwiritsani ntchito **ZITHUNZI: Makhadi Olenga** (zotengedwa kuchokera ku Gawo 3).

Tidachitapo kanthu mu gawo 3 kuti mukumbukire; tinasanja makhadi kukhala milu iwiri kutengera ngati akuwonetsa ubale wabwino ndi chilengedwe kapena ayi. M'magulu anu, yang'anandinso ena mwamakhadiwa ndipo chitani izi:

1. Choyamba pangani mulu wa zinthu zomwe mukuchita panopa mdera lanu. Kenako kambiranani phindu limene mwapeza chifukwa chochita zimenezi.
2. Kenako, yang'anani pa makhadi ena onse a zomwe simuchita. Bwanji osachita zinthu zimenezi?
3. Kambiranani mmene khadi lililonse lingakhalire njira yoyendetsera chilengedwe cha Mulungu monga mmene Baibulo limanenera mu Genesisi.
4. Dziwani njira imodzi kapena ziwiri zomwe mungayang'anire bwino chilengedwe cha Mulungu.

Malangizo Otsogolera: Mawu opendekeka pa tchatu chomwe chili m'munsimu ndi malingaliro ena chabe a momwe mungakhalire mdindo wabwino.

Kusamalira Zinyama 	Madzi Oyera 	Kulima 
<p><i>Tauzidwa kuti tiziyang'anira nyama. Tiyenera kuwapatsa zolemba zoyenera, kuti asabweretse matenda m'nyumba mwathu.</i></p>	<p><i>Kugwiritsa ntchito zosefera, madzi otentha, kapena kuwasiya padzuwa (SODIS) kumathandiza kuti madziwo akhale oyenera kumwa matupi athu kuti asatidwalitse.</i></p>	<p><i>Tiyenera kulima malo amene Mulungu watipatsa. Uyenera kusamalira mabanja athu, osati kutilamulira. Tiyenera kukhazikitsa njira zothirira ndi njira zopangira nthaka yachonde kuti izibala zambiri.</i></p>
Kutola Zinyalala 	Kumanga Nyumba 	Chimbudzi 
<p><i>Mulungu anatipempha kuti tizisamalira malo athu. Izi zikutanthauza kuti tiyenera kulisunga kukhala lokongola, kotero limalemekeza Mulungu. Tisagwetse zinyalala pansi koma kuziika m'mbiya.</i></p>	<p><i>Timafunikira pobisalira dzuwa ndi mvula. Kuwonetsetsa kuti tili ndi nyumba zotetezeka ndi gawo la chilengedwe cholamulira. Sitilamulidwanso ndi dzuwa ndi mvula.</i></p>	<p><i>Zimbudzi zimachepetsa matenda komanso zimasunga malo athu abwino. Tiyenera kusamalira chilengedwe chathu ndikuwonetsetsa kuti zisatipangitse kudwala.</i></p>
Misampha ya makoswe 	Kukumba Chitsime 	Kugona Pansi Pa Ukonde Woteteza Udzudzu 
<p><i>Msampha wa makoswe ungatithandize kuchepetsa makoswe amene amadya chakudya chathu. Misampha ya makoswe siyenera kukhala yovuta. Akhoza kupangidwa kuchokera ku nsungwi monga izi. Tiyenera kulamulira chilengedwe</i></p>	<p><i>Zitsime ndi njira yopezera madzi amene Mulungu wapereka pansi pa nthaka. Madzi a m'chitsime amatithandiza kukhala aukhondo komanso athanzi.</i></p>	<p><i>Kugona muukonde wa udzudzu ndi njira imodzi yolamulira udzudzu umene umanyamula matenda omwe angatidwalitse.</i></p>

<p><i>osati kuti makoswe azidya chakudya chathu kapena kutidwalitsa.</i></p>		
<p>Msampha wa ntchentche</p> 	<p>Kulima Masamba</p> 	<p>Osadula Mitengo Yambiri</p> 
<p><i>Msampha wa ntchentche ndi njira yochepetsa kuchuluka kwa ntchentche. Ntchentche zimatha kunyamula matenda komanso kuwononga chakudya chathu. Timauzidwa kuti tizilamulira chilengedwe komanso kuchepetsa chiwerengero cha ntchentche ndi njira yomwe tingachitire zimenezo.</i></p>	<p><i>Kulima ndiwo zamasamba zopatsa thanzi ndiyo njira ina imene tingakulitsire chilengedwe ndi kupereka chakudya chopatsa thanzi ku banja lathu.</i></p>	<p><i>Tiyenera kusamala kuti tikamadula mitengo, tizibzala zatsopano nthawi zonse. Mitengo ndi mphatso yochokera kwa Mulungu yoletsa kugumuka kwa nthaka. Ngati tidula mitengoyo osagwiritsa ntchito nthaka idzakhala bwinja msanga. Kumeneko sikusamalira chilengedwe.</i></p>

NENO LABWINO

Malangizo Otsogolera: Yankhani mafunso ali pamwambawa ndikuthandizira kuzindikira njira zatsopano zoyang'anira bwino chilengedwe cha Mulungu.

KUKAMBIRANA KWA GULU LALIKULU

Zonse ndi za Yehova. Iye ali nazo zonse. Pamene anauza Adamu kuti alime mundawo ndi kuusamalira, anapatsa anthu ulamuliro pa chilengedwe chake.

Anthu si eni ake, koma ndife osamalira.

Kuyang'anira ulimi kumatanthauza kusintha chilengedwe m'njira yoti chigwiritsidwe ntchito monga momwe Mulungu akufunira ndikulemekeza Mlengi. M'malo mowononga nthaka, mlimi ayenera kulima m'njira yoti azisiya kuti nthaka ikhale yachonde kwa mibadwo yamtsogolo. M'malo mogwiritsa ntchito chilengedwe pofuna kukhutiritsa umbombo wa anthu ndi chikhumbo cha chuma, mlimi ayenera kuteteza ndi kukulitsa chilengedwe kuti chikhale dalitso kwa ena.

- Kodi mukuganiza kuti anthu angasamalire zinthu zomwe ali nazo kuposa zomwe wina ali nazo kapena ayi?
- Pamene ndinapatsa munthu m'gulu lathu chinthu changa chamtengo wapatali, kodi munaganiza kuti chinthucho chinali chanu tsopano? Munayiyang'anira mosamala chifukwa inali yanga? Chifukwa chiyani? Kodi mukadachisamalira mosamala kwambiri chikanakhala cha Mfumu/Pulezidenti? Chifukwa chiyani?

Zikomo chifukwa chosamalira chuma changa changa!

Kukhala wosamalira chilengedwe cha Mulungu ndi udindo komanso mphatso. Mutani ndi mphatsoyi?

Mapeto

Mulungu wapatsa anthu udindo wolamulira ndi kuyang'anira chilengedwe.

- Tikaganizira za dera lathu, ndi mbali iti ya chilengedwe yomwe siikusamalidwa bwino?
- Kodi tonse tingachite chiyani kuti tiziyang'anira bwino?

KAMBIRANANI ANTHU

Ndi mnzanu, lingalirani za madera a chilengedwe omwe mwapatsidwa kwa woyang'anira (malo anu, nyumba, chitsime, zinyama, ndi zina zotero). Sankhani mbali imodzi yomwe ikufunika kuwongolera ndipo muuzeni mnzanuyo zomwe mudzachita kuti musamalire gawo la chilengedwe sabata ino. (Musinthane kugawana chinthu chimodzi muchita bwino).

Pempherani mwakachetechede kapena palimodzi tsopano, kuvomereza njira kapena malingaliro olakwika ndi kupempha Mulungu kuti akupatseni nzeru yosamalira, kukulitsa, ndi kulamulira chilengedwe Chake.

Pemphero Lotseka:

Zikomo, Ambuye, kuti sindiyenera kulamulidwa ndi chilengedwe. Ndimavomereza nthawi zomwe ndalola kuti chilengedwe chindilamulire komanso zochita zanga. Ndikukupemphani kuti mundipatse nzeru zolamulira chilengedwe monga momwe Mumalamulira Ufumu Wanu. Abambo, ndithandizeni kuti ndikhale woyang'anira wabwino pakupanga zinthu monga momwe munafunira komanso kukonza malo a banja langa ndi anthu amdera lathu pano komanso mibadwo yamtsoyolo. Ndikudzipereka kuti ndiziyang'anira chilengedwe Chanu, kukulemekezani Inu, ndikugwiritsa ntchito zonse zomwe mudandipatsa ti ndichikazikitse.

Phunziro 3: Mlimi Woyamba

Mfundo Zazikulu:

1. Ntchito yoyamba ya Adamu inali yolima. Kulima ndi mayitanidwe apamwamba ochokera kwa Mulungu.
2. Ntchito ndi gawo la dongosolo loyambirira la Mulungu, ndipo imatipatsa cholinga ndi ulemu.

Zipangizo:

1. Zosankha za Bukhu la Wophunzira
 - a. Kufunika kwa Ntchito (Tchatu ndi Mafunso)

Mlimi Woyamba

M'maphunziro athu awiri oyamba, taphunzira kuti Mulungu ndiye mwini zolengedwa zonse ndipo watiitana kuti tisamalire zolengedwa zake ZONSE. M'phunziroli, tiona mmene Mulungu amaonera ulimi ndi ntchito yathu.

KUKAMBIRANA KWA GULU LALIKULU

- Kodi alimi amachitiridwa bwanji m'dziko lanu?
- Ngati anthu akanatha kusankha zomwe akufuna kugwira ntchito, kodi angasankhe kukhala mlimi? Chifukwa chiyani?

Werengani Genesis 2:8-9.

- Kodi lembali likuti Mulungu anachita chiyani?
 - *Iye anabzala m'munda n'kumeretsa zinthu m'nthaka.*
- Kodi munthu amene amabzala dimba timamutcha chiyani?
 - *Mlimi.*
- Ngati Mulungu anali mlimi, mukuganiza kuti izi zikutanthauza chiyani za alimi?
 - *Alimi ali ndi phindu ndi cholinga.*
- Kodi Iye anabzala chiyani m'munda Wake?
 - *Mitengo yamitundu yonse.*
- Kodi zolinga ziwiri za mitengo imene Iye anabzala zinali zotani?
 - *Kukhala wokongola (wosangalatsa m'maso) komanso wopatsa thanzi (wabwino pakudya).*
- Kodi ulimi ndi ntchito yofunika kwambiri? Chifukwa chiyani?

Kuchokera mu vesi la Genesis, tikuona kuti Mulungu anali mlimi woyamba! Pamene Mulungu analenga kumwamba ndi dziko lapansi, kuthambo ndi nyanja ndi nyama zonse, analankhula, ndipo zinakhala. Baibulo limanena kuti 'anabzala' mundawo n'kuikamo Adamu. Anabzala mitengo yokongola m'maso (yokongola) ndi yabwino kudya (yopatsa thanzi). Kulima ndi gawo lofunikira pa nkhani ya chilengedwe - Mulungu anali mlimi woyamba!

KULINGALIRA KWA MUNTHU

- Kodi izi zimakupangitsani kumva bwanji kukhala mlimi?
- Kodi mukuganiza kuti Mulungu ankamva bwanji pamene ankalima?
- Kodi inunso mumamva chimodzimodzi? Chifukwa chiyani?

Ntchito Yoyamba ya Adamu

KUKAMBIRANA KWA GULU LALIKULU

Werengani Genesis 2:15.

Mulungu atamaliza kulenga zonse, anapatsa Adamu maudindo ndi maudindo osiyanasiyana. Anamupatsa ntchito yake yoyamba.

- N'cifukwa ciani Mulungu anaika Adamu m'mundamo?
 - *Kuchigwira ntchito ndi kuchisamalira.*
 - *Kukhala wosamalira munda.*
- Kodi 'kusamalira' kumatanthauza chiyani? Kodi timatani tikamasamalira chinachake?
 - *Kumatanthauza kuiteteza ndi kuisamalira kuti ikhale yathanzi komanso yopindulitsa.*
 - *Kumatanthauzanso kuuona kukhala wamtengo wapatali ndi kuuyamikila.*
- Ndi ntchito ziti za tsiku ndi tsiku zomwe ankagwira pogwira ntchito ndi kusamalira dimba?
- Kodi Adamu anadziwa bwanji kuchita zinthu zimenezi?
 - *Mulungu ayenera kuti anam'patsa chidziwitso chochitira zinthu zimenezi, apo ayi Mulungu ayenera kuti anam'phunzitsa pamene anali kupita.*
- Kodi tingatani kuti tisamalire chilengedwe cha Mulungu?
 - *Itetezeni kuti isaonongeke kapena kuonongeka - Isungeni yoyera ku zinyalala kapena kuipitsa pogwiritsa ntchito zimbudzi, osati kudula mitengo yambiri, kuthana ndi tizirombo, komanso kusagwira ntchito mopambanitsa nthaka.*
 - *Limbikitsanimu kuti likhale labwino - Gwirani ntchito nthaka, perekani ulimi wothirira, perekani zakudya zabwino m'nthaka.*

Mulungu anabzala mundawo ndipo anapatsa Adamu udindo wolima mundawo ndi kuusamalira. Ntchito yoyamba ya Adamu inali yolima. Iyi inali ntchito yofunika kwambiri pa chilengedwe cha Mulungu. Taonani kuti ntchito inali mbali ya cholinga choyambirira cha Mulungu kwa anthu ngakhale uchimo usanalowe m'dziko.

Kufunika kwa Ntchito

KUKAMBIRANA KWA GULU LALIKULU

- Kodi anthu ambiri mdera lanu amaona bwanji ntchito?
- Kodi anthu amakonda kugwira ntchito? Chifukwa chiyani?
- Ndani amakonda kugwira ntchito kwambiri?
- N'chifukwa chiyani anthu amagwira ntchito?
- Kodi chingachitike n'chiyani ngati Adamu akanapanda kusamalira mundawo ndi nyama zonse?
- Mukuganiza kuti chingachitike ndi chiyani mdera lanu ngati anthu atasiya kulima minda ndi kusamalira ziweto? Nanga bwanji ngati kunalibe alimi?

KUKAMBIRANA KWA MAGULU ANG'ONO

Werengani ndime zotsatirazi ndikuyankha mafunso:

Miyambo 14:23; Miyambo 12:11; 2 Atesalonika 3:10; 2 Timoteyo 2:6; Akolose 3:23-24

- Kodi Baibulo limati n'chiyani chidzachitike ngati anthu sagwira ntchito?
- Kodi Baibulo limati n'chiyani chidzachitike ngati anthu agwira ntchito?
- Ndi chiyani chinanso chimene tiyenera kumvetsa ponena za ntchito?
- Mukuganiza kuti ntchito yaulimi ndi yofunika bwanji? N'cifukwa ciani n'kofunika kapena sikofunika?

NENO LABWINO

Ntchito inali gawo la dongosolo loyambirira la Mulungu. M'zonse zimene timachita, timaitanidwa kuchita ntchito zathu zonse mwaulemu kuti tilemekeze Mulungu. Ntchito yathu ili ndi phindu, ulemu, ndi cholinga. Udindo woyamba umene Mulungu anapatsa Adamu unali wogwira ntchito ndi kusamalira chilengedwe cha Mulungu —kukhala mlimi. Choncho, ntchito yaulimi ndi mayitanidwe apamwamba ochokera kwa Mulungu. Limakwaniritsa lamulo la Mulungu motero lili ndi ulemu ndi cholinga.

KUKAMBIRANA KWA GULU LALIKULU

Malangizo Otsogolera: *Afunsemi kalasi kuti ayankhe mafunso awiriwa. Chitani ichi kukhala chochitika chosangalatsa kugomezera kuti ntchito imeneyi ndi yochokera kwa Mulungu ndipo imatipatsa ulemu. Ntchito ndi ya ubwino wathu.*

Mlembani mndandanda wazinthu ZONSE zomwe MUMAKONDA pazaulimi!

Pangani mndandanda pagulu la ZONSE zomwe MUMAKONDA za ntchito!

Ntchito inali gawo la dongosolo loyambirira la Mulungu. M'zonse zimene timachita, timaitanidwa kuchita ntchito zathu zonse mwaulemu kuti tilemekeze Mulungu. Tikamachita zimene tingathe, timasangalala. Timamva kukhala opindulitsa komanso othandiza. Ngati sitigwira ntchito, kapena ngati sitigwira ntchito bwino, tidzadziona kuti ndife opanda pake.

Mapeto

Takambirana mitu iwiri yofunika kwambiri masiku ano: ulimi ndi ntchito! Tiyezi tiwunikenso ndi kulingalira.

Kulima: Udindo woyamba umene Mulungu anapatsa Adamu unali wogwira ntchito ndi kusamalira chilengedwe cha Mulungu—kukhala mlimi monga lye. Choncho, ntchito yaulimi ndi mayitanidwe apamwamba ochokera kwa Mulungu. Limakwaniritsa lamulo la Mulungu motero lili ndi ulemu ndi cholinga.

Ntchito: Ntchito yathu ili ndi phindu, ulemu, ndi cholinga. Mulungu, amene anatipanga, anatipanga kuti tizigwila ntchito cifukwa amadziwa kuti zidzatipatsa mtengo, ulemu, ndi chifuno!

1. Tembenukirani kwa mnansi wanu ndi kuwauza chinthu chimodzi chimene mwaphunzira chokhudza ulimi ndi chinthu chimodzi chimene mwaphunzira pa ntchito. (*Apatseni mphindi imodzi kapena ziwiri kuti agawane ndi mnansi wawo*).
2. Pamene tikutseka, tengani mphindi imodzi kuti mugawane ndi mnansi wanu momwe mudzalima komanso momwe mudzagwirire ntchito. (*apatseni mphindi imodzi kapena ziwiri kuti agawane ndi mnansi wawo*).

Pemphero Lotseka: Atate wa Kumwamba, tikudziwa kuti mudatipatsa dziko ili kuti tibereke mbewu ndi zipatso. Tikudziwanso kuti mudatipanga kuti tizigwira ntchito. Zikomo chifukwa cha madalitso awiriwa omwe amapereka chakudya ku matupi athu ndi mtengo, ulemu, ndi cholinga ku miyoyo yathu. Ambuye, tithandizeni ife monga alimi kuti tichite zothekera ndi nthaka ndi ntchito imene mwatipatsa kuti tilemekeze Inu, kuti ifenso tikhale dalitso kwa ena onse amene amadyetsedwa ndi kudiyetsedwa ku ntchito imene tagwira m'dziko. Amene.

Phunziro 4: Mulungu Achiritsa Dziko

Mfundo Zazikulu

1. Mulungu adzatipatsa nzeru zolima nthaka yathu pamene tipempha, kumvera, ndi kumvera.
2. Lonjezo la Mulungu la kuchiritsa dziko lathu limatanthauza kuti padzakhala madalitso akuthupi komanso auzimu tikamamvera Yehova.

Zipangizo

1. Zosankha za Bukhu la Wophunzira
 - a. Nzeru za Mulungu pa Kulima

Mawu Oyamba

M'maphunziro apitawa, tinaphunzira kuti Mulungu anatipanga kukhala oyang'anira, kapena kuti adindo a chilengedwe. Tinaphunziranso kuti Mulungu anali mlimi woyamba ndipo Mulungu anatilenga kuti tizigwira ntchito. Mu phunziro ili, tiyamba kuganizira kwambiri za ulimi, ndi momwe tingachitire bwino ndi nthaka yathu.

KUKAMBIRANA KWA GULU LALIKULU

- Kodi munapemphererapo za munda wanu? Kuti nthaka ikhale ndi minda kapena nzeru zolimira m'munda?
- Chifukwa chiyani?
- Kodi zotsatira zake zinali zotani?
- Kodi mukuganiza kuti Mulungu amasamala za momwe mumalima?

Mulungu akhoza kukupatsani nzeru za momwe mumalima. Iye anapatsa Aisiraeli malangizo osapita m'mbali kupitila mwa Mose pamene anali kuwakonzekeretsa kupita ku dziko lolonjezedwa. Kuonjezela pa malangizowo, anawapatsanso malonjezo ngati angamvele.

Kulowererapo kwa Mulungu

KUKAMBIRANA KWA GULU LALIKULU

Tiyeni tiyambe ndi kuona nkhani ziŵiri zosonyeza mmene Mulungu wakhala akuchitira zinthu m'chilengedwe.

Iyi ndi nkhani ya George Washington Carver, yemwe anali mlimi wotchuka, pulofesa, ndi wasayansi.

George Washington Carver

George Washington Carver anabadwa muukapolo mu chaka cha 1864. Anakhala mwana wamasiye pamene makolo ake onse anamwalira patangopita zaka zingapo. George anakonda kuphunzira ndipo ananyamuka n'kukhala munthu wophunzira kwambiri komanso pulofesa pa yunivesite. Panthaŵiyo, m'dera limene Carver ankakhala, aliynse ankaliya thonje m'minda yawo. Carver anaphunzitsa alimiwo kusinthe sintha mbewu zawo ndipo nthawi zina amabzala mtedza m'malo mwake. Pochita izi, nthaka idapezanso chakudya ndipo alimi adakolola thonje zambiri. Iwo anasangalala kwambiri! Koma sankadziwa choti achite ndi mtedza womwe anakololanso. Sanathe kuwagulitsa onse ndipo mtedzawo ungangowonongeka m'nkhokwe zawo.

Carver anaganiza zothetsa vutoli. Anatenga chiponde chodzaza dzanja n'kupemphera kuti: "Mlengi wamkulu, n'chifukwa chiyani munapanga mtedzawo? Chifukwa chiyani?" Carver anakonda chilengedwe cha Mulungu ndipo anachita chidwi nacho. Anayamba kupenda mbali iliyonse ya mtedzawo ndikuyesera kuti awone chimene akanachita nawo. Carver amalima kupanga zinthu zatsopano zoposa 300 zomwe

zingapangidwe kuchokera ku mtedza! Pokhala ndi zinthu zambiri zogulira, alimiwo anatha kugulitsa mtedza wawo mosavuta. Kugwira ntchito mwakhama, chikhulupiro, ndi chikondi cha Carver pa chilengedwe cha Mulungu zinatha kupulumutsa chuma cha dera lonselo.

- Kodi George Washington Carver anachita chiyani kuti athandize alimi kukulitsa mbewu zawo za thonje?
- Kodi alimi anali ndi vuto lanji ndi mtedza?
- Kodi George Washington Carver anali ndi maganizo otani amene anathandiza alimi kuthetsa vutoli?
- Ndani adapatsa George Washington Carver nzeru za momwe angathanirane ndi vuto la mtedza?

Iyi ndi nkhani yowona yomwe idachitika mdera lina lomwe linali mu pulogalamu ya TCT cha m'ma 2010.

Kukulola Mozizwitsa

M'mudzi wina ku Asia, pafupifupi aliynse anali ndi ngongole. Anthu ambiri ankabwereka ndalama m'nyengo yachilimwe ndipo nthawi zambiri ankagulitsa mbewu zawo asanakolole n'cholinga choti apeze ndalama. Ogulawo ankali piratu ndalama zochepa poyerekezera ndi zimene alimi ankalandira akakolola. Izi zinapangitsa kuti anthu azikhala ndi ngongole chaka ndi chaka.

Atalandira maphunziro a TCT pa ukapitawo wa Baibulo, mipingo ingapo inadzipereka kuchita zonse zomwe akanatha kuti achotse ngongole. Anapanga mapulani ndi cholinga chofuna kukhala opanda ngongole m'zaka zisanu.

Chaka chimenecho m'dzikoli munali chilala choopsa. Pamene Akristu anapita kuminda yawo, anapeza kuti mbewu zawo zonse za tapioca (chinangwa) zinali zofota ndi zofiirira. Anakumana pamodzi kukambirana zoyenera kuchita. M'mbuyomu, mbewuzo zikafa, alimiwa ankatenga ngongole zambiri kuti azipeza chaka chonse. Komabe, iwo anadzipereka kwa Yehova kuti achotse ngongoleyo. Zinkawoneka kuti panalibe chiyembekezo cholemekeza kudzipereka kumeneko tsopano. Pa mipingo yonse, alimi anasonkhana kuti asale kudya ndi kupemphera, kupempha Mulungu choti achite. Iwo ankaganiza kuti Mulungu anawauza kuti "dikirani" choncho sanatenge ngongole iliyonse.

Nthawi yokolola itafika, anaganiza zokumba zofotazo kuti aone ngati zamera chilichonse. Pamene ankakumba zomera, anadabwa kwambiri kupeza kuti munda uliwonse unali ndi milingo ya tapioca (chinangwa) kuwirikiza kawiri kapena katatu!

Ndiponso, chifukwa cha chilalacho, mbewuzo zinafa m'madera onse apafupi, zomwe zinapangitsa mtengo wa tapioca (Chinangwa) chaka chimenecho kuwirikiza kawiri. Pokhala ndi ndalama zowonjezera zogulitsa komanso mitengo yokwera, alimi a m'madera amene matchalitchi ankapempherera ankapeza ndalama zowirikiza kanayi kapena kasanu ndi kamodzi. Mulungu anali atachitapo kanthu ku kumvera kwawo ndi makonzedwe ozizwitsa, ochuluka! Chifukwa cha zimenezi, onse anatha kutha m'ngongole m'chaka chimodzi chokha m'malo mwa zaka zisanu zimene ankayembekezera.

- Kodi alimiwo anali kumvera bwanji Mulungu?
- Kodi alimi adakonza malo mosiyanasiyana kapena anawonjezera feteleza apadera?
- Kodi alimi adachita chiyani mosiyana chaka chino kuti alandire zokolola zambiri chonchi?
- Ndani anakulitsa mbewuzo?

Nzeru za Mulungu pa Kulima

Baibulo lili ndi malangizo kwa ife pamene tikulima.

KUKAMBIRANA KWA MAGULU ANG'ONO

Malangizo Otsogolera: Perekani gulu lililonse mavesi amodzi.

Werengani mavesi omwe gulu lanu lapatsidwa. Lembani malangizo a Mulungu m'ndime zimenezo, ndi malonjezo operekedwa kwa amene amatsatira malangizo ake.

- Levitiko 26:1-6
- Deuteronomo 26:1-2; 10-11
- Deuteronomo 28:1-12
- Levitiko 25:1-7; 18-22

NENO LABWINO

Wotsogolera: Ngati muli ndi bolodi kapena pepala lalikulu, jambulani tchatichi ndipo lembani pamene magulu akupereka malipoti.

VESI	Malangizo a Mulungu	Malonjezo Otsatira Njira za Mulungu
Levitiko 26:1-6	<i>Musapange mafano ndi kuwaika m'dziko lanu. Sungani Sabata.</i>	<i>Adzatumiza mvula; nthaka idzapereka mbewu ndi mitengo, zipatso. Mudzakhala ndi chakudya chokwanira ndi kukhala ndi mtendere ndi chitetezo.</i>
Deuteronomo 26:1-2, 10-11, 18-19	<i>Perekani zipatso zoyamba za zipatso zanu kwa Yehova. Yamikani pa zonse zomwe Mulungu wakupatsani. Muzitsatira malamulo a Yehova.</i>	<i>Yehova adzabweretsa ulemu, chisomo ndi madalitso kwa iwo amene amamumvera. Adzatchedwa anthu oyera mtima, odalitsika kuposa mitundu yonse.</i>
Deuteronomo 28:1-12	<i>Muzimvera Yehova Mulungu wanu.</i>	<i>Mbewu ndi zoweta zidzadalitsidwa; nkhokwe ndi ntchito zidzadalitsidwa; Mulungu adzatsegula kumwamba, adzapereka zowolowa manja, adzatumiza mvula, adzadalitsa ntchito imene tikuchita ndi kutilemekeza pamaso pa amitundu.</i>
Levitiko 25:1-7; 18-22.	<i>Sungani Sabata la dziko, chaka chachisanu ndi chiwiri chiri chonse, lipumule.</i>	<i>Khalani bwino m'dzikolo, ndipo lidzapereka zipatso zake. Padzakhala chakudya chokwanira. Chaka chachisanu ndi chimodzi chidzatulutsa zaka zitatu.</i>

KUKAMBIRANA KWA GULU LALIKULU

1. Kodi madalitso amene Mulungu amalonjeza ndi zinthu zauzimu zokha kapena ndi madalitso a moyo wakuthupi? *Zauzimu ndi zakuthupi.*
2. Ndi nzeru za Mulungu zotani pa ulimi zomwe zili mu ndimezi?
 - *Mpumulo wa dziko.*
 - *Chakhumi—kubwezera kwa Mulungu kuchokera mu zotuta.*
 - *Osapembedza mafano.*
3. N'chifukwa chiyani kupuma kungakhale kofunika kwa chilengedwe cha Mulungu?
 - *Zimapatsa dzikolo nthawi yoti libwerezenso ndi kukonzedwanso.*
4. Ndi zikhulupiliro ziti zomwe anthu amdera lanu ali nazo zomwe zimazindikira mphamvu za milungu ina kapena makolo pa dziko? *(Werengani Yesaya 8:19).*
5. Ndi malangizo ati omwe angakhale ovuta kuwatsatira ndipo chifukwa chiyani?

Nzeru za Mulungu za mmene tingagwiritsire ntchito malo athu n'zachindunji ndiponso zothandiza.

Kawirikaŵiri, ntchito zofala zaulimi zanyalanyaza zina mwa nzeru za Mulungu. Tikazindikira kuti tanyalanyaza nzeru zake, timakhala ndi mwayi wosintha njira zathu. Ngakhale pamene anthu achimwira Mulungu, iye ndi wachikondi ndi wachifundo pamene anthu ake alapa ndi kuitana pa dzina lake.

Pemphero Lopempha Thandizo ndi Machiritso

KUKAMBIRANA KWA GULU LALIKULU

Malangizo Otsogolera: Funsani aliyense kuti aganizire za mafunsowa. Monga gulu, lembani mavuto ndi nkhwawa zawo kuti adzawaone kuti adzawapemphereranso pambuyo pake.

- Ndi mavuto ati kapena zovuta zomwe muli nazo ndi malo anu pano?
- Muli ndi nkhwawa zotani zokhudza mbewu kapena ziweto zanu?

Baibulo limatikumbutsa kuti Mulungu, amene analenga zinthu zonse ndiponso mwini wake wa zinthu zonse, akhoza kutithandiza. Pamene timfunafuna ndi kumvera lye, lye adzatiyankha.

Takambapo za 2 Mbiri 7:14 m’magawo ena. (*Werenganinso 2 Mbiri 7:14*).

- Kodi Mulungu amamuitana kuti adzichepetse ndi kupemphera ndani?
 - *Osati anthu onse, koma anthu ake onse—omwe lero ndi Akhristu.*
- Kodi Mulungu ananena kuti chidzachitika n’chiyani ngati akanamvera?
 - *Mulungu adzachiritsa dziko lawo.*
- Zikadawoneka bwanji ngati Mulungu achiritsa dziko lanu? Kodi muli ndi zitsanzo za momwe lye wachitira kale zimenezi mdera lanu?

Lemba la Yakobo 1:5 limati: “Wina wa inu ikam’soŵa nzeru, apemphe kwa Mulungu, amene apatsa kwa onse modzala manja, wosatonza; ndipo adzampatsa.

- Kodi mukufunikira nzeru zotani kuti mukhale mlimi wabwino?
 - *Nthawi yobzala, mitundu ya mbewu, nthawi yogulitsa.*
- Kodi mukuganiza kuti Mulungu angapereke nzeru pa nkhani ngati zimenezi?

Werengani Miyambo 2:1-6.

Kodi ndimeyi ikutiphunzitsa zinthu zitatu ziti kuti tilandire nzeru kuchokera kwa Yehova?

1. *Landirani mawu a Mulungu ndipo sungani malamulo ake.*
2. *Itanirani kapena fuulani kuti mumvetsetse kuchokera kwa Mulungu.*
3. *Fufuzani ndi kufufuza nzeru za Mulungu.*

Izi zidakali choncho lero. Mulungu adzatipatsa nzeru ngati timupempha. Adzachiritsa dziko lathu ngati tidzichepetsa ndi kusiya njira zathu zoipa. lye adzadziwitsa dzina lake mwa ubwino wake kwa ife.

ZOCHITA ZA MAGLULU ANG'ONO

Ganiziraninso mavuto omwe mwakhala mukukumana nawo ndi nthaka, mbewu zanu, kapena ziweto zanu. Khalani ndi nthawi yopempherera pamodzi mwachindunji za mavutowo ndikupempha nzeru.

NENO LABWINO

Malangizo Otsogolera: Ngati gululo lili ndi anthu ochepa odziwa kulemba ndi kuwerenga muyenera kuwerenganso mndandandawo ku gulu. Magulu akamaliza kupemphera, afunseni kuti agawane malingaliro atsopano omwe Mulungu wawawonetse munthawi yawo yopemphera.

Mapeto

Malangizo Otsogolera: Perekani nthawi ya maumboni ambiri kapena funsani aliyense kuti agawane gawo limodzi kuti asinthe.

Pomaliza, tikufuna kumva maumboni omwe mukumva kuti Mulungu akukuitanani kuti musinthe. Mupanga kusintha kotani pafamu/munda wanu sabata ino?

Tsopano, tiyeni titseke ndi pemphero lachiyanjano lachithokozo!

Phunziro 5: Kusamalira Nthaka Yathu

Mfundo Zazikulu

1. Timadyetsa nthaka kuti tizilombo toyambitsa matenda tidyetse zomera.
2. Pali njira zitatu zosamalira nthaka yathu: kusalima nthaka pang'ono, kubisa nthaka, ndi mitundu yosiyanasiyana ya mbewu.

Zipangizo

1. Zothandizira Zowoneka:
 - a. Kodi Dothi ndi chiyani?
 - b. Timitengo ta Dibble
 - c. Mipata Yopapatiza kapena Mipata pogwiritsa ntchito Ripper
 - d. Maenje Ang'onoang'ono Obzala kapena Maenje
 - e. Mbewu Zophimba Zomera Zobiriwira Zobiriwira
2. Zosankha za Bukhu la Wophunzira
 - a. Mbewu Zophimba Zomera Zobiriwira Zobiriwira

Mawu Oyamba

KUKAMBIRANA KWA GULU LALIKULU

Kodi munayamba mwapitako kunkhalango? Kodi dothi la m'nkhalango ndi lotani? Nthawi zonse imakhala yachonde kwambiri. Zili choncho chifukwa dziko la m'nkhalango limatsatira dongosolo la Mulungu osati lathu.

Monga tikudziwira, Mulungu analenga dziko lapansi ndi zonse zili mmenemo. Tikayang'anitsitsa chilengedwe Chake, timawona mapangidwe odabwitsa-chilichonse chimagwira ntchito pamodzi mwangwiro. M'nkhalango, mitengo imagwetsa masamba, masamba ameneŵa amasweka ndi kudyetsa nthaka, nthaka imadyetsa mitengoyo ndi kuithandiza kukhala yathanzi. Kapena yang'anani chinthu chophekwa monga kupuma - timapuma mpweya (*kupuma kwambiri*) ndipo timatulutsa mpweya woipa (*kupuma*). Koma zomera zimachita zosiyana. Amapuma mu carbon dioxide ndikutulutsa mpweya. Zomera zimapanga zomwe timafunikira, ndipo timapanga zomwe zimafunikira. Ndizodabwitsa. Ndi chitsanzo chimodzi chabe cha makonzedwe angwiro a Mulungu.

- Kodi mungaganizire zitsanzo zina za mmene Mulungu analengera zinthu zimene zimagwirira ntchito limodzi motere?

Timaona zitsanzo zambiri pa ulimi. Mwachitsanzo, mitengo imagwetsa **masamba**, masambawa amaphwanyika ndi kudyetsa nthaka, nthaka imadyetsa mtengowo ndikuthandizira kuti ukhale wathanzi. Izi ndi zoonanso ndi **nyama**. Nyamazo zimadya zomera zomera kenako n'kupanga manyowa kapena zinyalala, manyowawo amadyetsanso nthaka yomwe imathandiza kuti zomera zikule. Nyama zina zimene zimachita zimenezi ndi zazing'ono kwambiri moti simungathe kuziona ndi maso. Amatchedwa **tizilombo** toyambitsa matenda. Zimakhala ndi zinthu zowola za m'nthaka ndipo zotayira zake zimapereka chakudya chimene zomera zimafuna. **Dzuwa** limathandizanso zomera kugwiritsa ntchito mpweya woipa wa carbon dioxide ndi madzi kupanga chakudya cha zomera. Kenako zomera zikamakula, zimadyetsa anthu ndi nyama. Mulungu anakonza zolengedwa kuti zizithandizana, kuti zibweretse moyo kwa wina ndi mnzake.

Kodi N'chiyani Chimapangitsa Nthaka Yathanzi Yabwino?

KUKAMBIRANA KWA MAGULU ANG'ONO

Mu phunziro ili tiphunzira zambiri za nthaka ndi momwe tingasamalire. Thanzi la nthaka yathu ndi lofunika pa thanzi la zomera zathu.

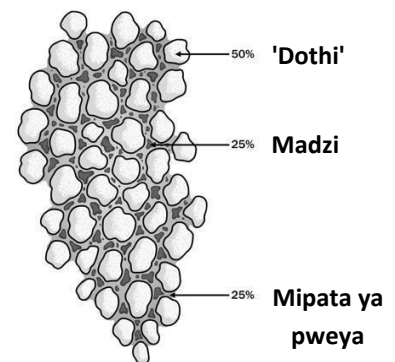
- Kodi nthaka yabwino imawoneka bwanji, kununkhiza komanso kumva bwanji? Kodi nthaka yabwino ndi yathanzi mumaizindikira bwanji?
- Kodi mungagwiritse ntchito mawu ati pofotokoza nthaka yoipa?
- Kodi mumadziwa njira zotani zopangira nthaka yabwino, yobala zipatso?
- Kodi mwayesapo iliyonse mwa izo? Kodi zotsatira zake zinali zotani?

NENO LABWINO

Tonse taona dothi labwino komanso loipa. Ndizovuta kulima ndi kukolola zabwino mu nthaka yoipa, koma nthaka yabwino imamera mbewu zabwino mosavuta.

Dothi Labwino limapangidwa ndi zinthu zitatu: (Chiwonetsero **ZITHUNZI: Kodi Dongo ndi chiyani?**)

- 'Dothi' – lomwe ndi losakanizika mchenga ndi zomera ndi nyama zowola (zinthu zachilengedwe)
- Mpweya – izi zimathandiza kuti mpweya uperekedwe ku mizu ya zomera ndi tizilombo toyambitsa matenda m'nthaka
- Madzi okhala ndi michere mkati mwake ndi ofunikira kuti mbewu zikule.



Ngati titayang'anitsitsa nthaka yathu, tingaone kuti ndi mchenga wosakaniza, zina za zinthu zowola, madzi ndi mpweya.

Nthaka yabwino imakhala ndi moyo. M'dongosolo la Mulungu, pali zinthu zitatu zimene zimabweretsa moyo m'nthaka yathu:

1. Tizilombo tating'onoting'ono – ndi zamoyo zazing'ono kwambiri moti zimatha kuwonedwa ndi zida zapadera. Tizilombo tambiri timene timakhala m'nthaka.
2. Organic kanthu – ndi chilichonse chomwe chinali chamoyo – monga masamba ndi tizilombo – chomwe chimasweka ndikuwola pakapita nthawi. organic kanthu amapereka chakudya ndi chitetezo kwa tizilombo ndi zomera.
3. Mchere ndi Zakudya Zam'madzi – zimapezeka m'madzi oyera ndipo zimapereka moyo kwa tizilombo toyambitsa matenda ndi zomera zomwe zili m'nthaka.

Tizilombo tating'onoting'ono, zomera zowola ndi mchere zikamagwirira ntchito limodzi kuwonjezera zakudya m'nthaka, timati nthakayo ndi yolembera komanso yachonde.

Kudyetsa Nthaka

KUKAMBIRANA KWA GULU LALIKULU

Zomera zimagwira nthaka yabwino, yathanzi, monga momwe timafunira zakudya zathanzi kuti tidyetse matupi athu.

- Ndi zakudya ziti zomwe zomera zimagwira zomwe mukudziwa kale?
- Ndi zakudya ziti zomwe mumagwiritsa ntchito kudyetsa zomera zanu? Kodi mumazigwiritsa ntchito liti?

Alimi ambiri amadziwa za zakudya zitatu (nitrogini (N), Phosifolasi (P) ndi potaziyamu (K)) zomwe ndi zabwino ku zomera, koma zomera zimagwira zakudya zambiri zosiyana pakukula ndi kupanga.

- Kodi chingachitike n'chiyani ku matupi athu tikangodya mbatata, mpunga, ndi chinangwa?
 - *Matupi athu sapeza zakudya zokwanira ndipo timasowa chakudya chokwanira.*
- Kodi mukuganiza kuti chingachitike ndi chiyani tikangogwiritsa ntchito zakudya zitatu zokha (NPK) kudyetsa mbewu zathu?
 - *Mofanana ndi matupi athu, zomera sizimapeza chakudya chokwanira, choncho sizingabereke bwino momwe zingathere.*

Mwamwayi, sitiyenera kukhala akatswiri kuti tidziwe kudyetsa zomera zathu zonse zomanga thupi zomwe zimafunikira. Mulungu analenga chilengedwe cha chilengedwe pakati pa zomera, nyama, nyongolotsi, tizilombo tating'onoting'ono, zinthu zamoyo, mpweya, ndi madzi zimene zimapangitsa nthaka kukhala yathanzi ndi kupatsa zomera zakudya zonse zofunika. Zamoyo zomwe zili mudothi zimagwirira ntchito limodzi kuti nthaka yathu ikhale yathanzi. M'mawu ena, dongosolo la Mulungu limasamalira chilengedwe chake. Koma tikhoza kuthandiza kapena kuwononga dongosolo lake.

Pambuyo pake tidzaphunzira kupanga madengu a zakudya za mbozi zomwe zidzadyetse nthaka. Ngati tidyetsa nthaka yabwino, ndiye kuti nthaka imadyetsa mbewuyo.

Tsopano tiwona mchitidwe umodzi waulimi umene umaononga makonzedwe abwino a Mulungu pa chilengedwe ndi machitidwe atatu amene amathandiza mkombero wa chilengedwe umene Mulungu anakhazikitsa.

Vuto la Feteleza wa KEMIKO [CHEMICAL]

Njira yodziwika yodyetsera nthaka ingakhale feteleza wamankhwala.

- Kodi alipo amene adagwiritsapo ntchito feteleza wa mankhwala? Ngati ndi choncho, mwagwiritsa ntchito chiyani?
- Kodi zotsatira zake zinali zotani? Nanga bwanji nthawi yayitali? Kodi mumayenera kugwiritsa ntchito zambiri chaka chilichonse?

Vuto la feteleza wa mankhwala ndi loti amasokoneza dongosolo limene Mulungu anakonza. Manyowa a mankhwala amapha tizilombo toyambitsa matenda timene timakhala m'nthaka. Zotsatira zake, chaka chilichonse muyenera kugwiritsa ntchito mankhwala ochulukirapo kuti mupeze zotsatira zomwezo. Vuto lina la mankhwala n'lakuti amakokoloka m'mitsinje, m'mitsinje, kapena m'madzi apansi, kumene amaipitsa madzi akumwa ndi kuwononga moyo wa m'mitsinjeyo. Kugwiritsa ntchito mankhwala kumatha kukhala kovulaza kwa mlimi chifukwa kumakhudzana ndi matupi awo.

Chifukwa chake, pali zifukwa zinayi zomwe feteleza wamankhwala ali oyipa:

1. Zimawononga chilengedwe cha Mulungu m'nthaka yathu.
2. Timafunika kugula zambiri chaka chilichonse.
3. Amaipitsa madzi athu, kotero kuti madzi athu akumwa asakhale abwino ndipo nsomba zimafa.
4. Ndiwowopsa ku thanzi lathu ngati tikhudza mankhwala.

Pali njira zopezera nthaka yabwino popanda kugwiritsa ntchito feteleza wa mankhwala. Tiyeni tione njira zitatu zofunika kwambiri.

Kusokoneza Dongo Lochepa

ZOCHITA ZA MAGLULU ANG'ONO

Njira yoyamba yomwe tiyang'ane imatchedwa 'kusokoneza nthaka kochepa.' Kusokonezeka kwa nthaka ndi pamene munthu, nyama, kapena makina amagwiritsidwa ntchito kukumba dothi, kulitembenuza ndi kuyika nthaka yapansi padzuwa. Kumeneku kumatchedwa kulima kapena kulima nthaka.

Mvetserani nkhanayi ndipo m'magulu anu muzindikire zoyipa zinayi zobwera chifukwa cholima nthaka mochuluka.

Banja la James linkalima munda wawo kwa mibadwo itatu iye asanabwere. Agogo ake aamuna anali atathyola nthakayo ndipo anaphunzitsa agogo ake aamuna ndi atate wake kulima ndi kubzala. Koma ngakhale kuti ankagwiritsa ntchito njira zomwezo, mbewuzo zinkaoneka kuti zikucheperachepera chaka chilichonse.

James adamva kuti pakhala maphunziro Loweruka likubwerali okonza nthaka yawo ndikupeza mbewu zambiri chaka chilichonse. James anauza bambo ake za maphunzirowo ndipo anaganiza zopita limodzi.

Pa maphunzirowo, mphunzitsiyo ananyamula chithunzi chosonyeza pulawo yokhala ndi X wamkulu pamwamba pake. Iye anafotokoza kuti tikamakumba m'nthaka, n'kulitembenuza chaka chilichonse, timakhala tikuwononga zinthu zimene zili m'nthaka ndipo timasokoneza chofunda cha chilengedwe cha Mulungu kuti chiteteze ndi kumanga nthaka yabwino. James anali asanamvepo zimenezo—iye ndi atate wake ankali munda yawo chaka chilichonse ndipo nthawi zina kuposa kamodzi pachaka. Anachita chidwi ndi lingaliro latsopanoli.

Koma bambo ake sanali! Iye anapingasa manja ake n'kukangana ndi aphunzitsiwo, "Pamunda pathu tiyenera kulima. Kupanda kutero, nthaka imakhala yolimba komanso yolimba kuti kulima chilichonse chabwino."

Mphunzitsiyo ananena kuti ankamvetsa kuti alimi ambiri amamva choncho. Kenako anafotokoza kuti: "Sitikufuna kuti nthaka yathu ikhale yolimba komanso yolimba. Kutikule mbewu zabwino, timafunika zinthu zachilengedwe, mpweya, ndi madzi osakaniza ndi nthaka. Koma njira yabwino kwambiri yoloŵetsera zinthuzo m'nthaka—monga mmene Mulungu anakonzera—ndiyo kuti mphutsi ndi tizilombo zikhale m'nthaka. Tikalima nthaka timaika mphutsi zopindulitsa ndi tizilombo kudzuwa ndipo zimafa. Muli chinthu chinanso chimene chimakhala m'nthaka n'kumachidyetsa," Iye anatero, "chinachake chaching'ono kwambiri moti sichingaoneke—tizilombo tating'onoting'ono. Izinsu zimafa zikakumana ndi mpweya komanso kuwala kwadzuwa."

Mphunzitsiyo ananenanso kuti kulima kumabweretsa kukokoloka kwa nthaka komwe kumapangitsa kuti nthaka yomwe inali yachonde ikhale yosabereka. Iye anati, "Ndipo chinthu chimodzi chinanso. organic zinthu zili ngati chakudya cha nthaka. Tikalima ndi kuika zinthu zachilengedwe padzuwa, zimapsa. Nthaka siikonda chakudya chowotchedwa kuposa ine ndi iweyo!" Aliyense anaseka zimenezo...aliyense kupatula bambo ake a James.

Atapita kunyumba kuti akadye chakudya chamadzulo, amayi ake a James adafunsa momwe maphunzirowo adayendera. Zowopsa! Adatelo bambo ake a James. "Aphunzitsi samvetsa mmene timakhalira kuno komanso kuti nthaka yathu ndi yotani. Akuti kulima n'koipa m'nthaka. Koma agogo anga aamuna ankali munda nthawi zonse, ndipo anakolola zochuluka kwambiri!"

"Koma atate," James anatsutsa motero, "mwinamwake zaka zonsezi za kulima zadzetsa kukokoloka kwa nthaka yathu, monga momwe ananenera aphunzitsi. Mwina n'chifukwa chake zokolola zathu zimawoneka zikuchepa chaka chilichonse ngakhale titachita zotani." Bambo a James sanayankhe ndipo anamaliza kudya ali chete.

James sanathe kutsimikizira abambo ake kuti abwerere kwa tsiku lachiwiri lophunzitsidwa. Koma atamukumbutsa za mmene mbewu zawo zinalili zosauka kwambiri m'nyengo zingapo zapitazi, iye anati,

“Mwina aphunzitsi angatipatse mfundo zina zabwino zotithandiza kukolola bwino.” Monyinyirika, bambo ake anavomera kubwerera.

Mphunzitsiyo anathera m’maŵa akuphunzitsa njira zambiri zobzala mbewu ndi kuzidyetsa popanda kulima kapena kusokoneza nthaka. Pofika kumapeto kwa tsikulo, James anasangalala kwambiri kugwiritsa ntchito zimene anaphunzira, kusiya kulima, m’ malo mwake agwiritse ntchito njira zatsopano zobzala, kukonzanso, ndi kuteteza nthaka. Koma ankada nkawa kuti bambo ake sanavomerezebe zimenezi. Pamene ankapita kunyumba limodzi, iye anapemphera kuti amuuze mawu oyenerera kuti akhutiritse bambo ake. Koma asanalankhule n’komwe, bambo ake anati, “Mwana wanga, nditaganizira bwino, ndaona kuti tiyese njira imene bamboyu anatiphunzitsa. Agogo anga aamuna anali kuyesa china chatsopano pamene adabwera kudziko lino ndikulibzala kwa nthawi yoyamba. Ndikuganiza kuti angatiuze kuti tiyese china chatsopano kuti tithandizire kuti nthaka yathu ikule bwino.”

James anangoti, 'Inde bambo, ndikuvomera.' Koma mumtima mwake, ankaimba zotamanda njira yotsala ya ulendo wobwerera kwawo—chifukwa cha malingaliro atsopano amenewa ndiponso chifukwa cha kusintha kwa mtima wa bambo ake.

M'magulu anu, kambiranani:

- Kodi ndi zotsatirapo zotani za kulima nthaka mopambanitsa zimene Yakobo anaphunzira?

NENO LABWINO

Tiye tifufuze zimene mwaphunzira! Kodi zotsatira zina zoipa za kusokoneza nthaka mochulukira ndi ziti?

Malangizo Otsogolera: Limbikitsani iliyonse mwa mfundo izi pansipa ndipo tsimikizirani kuti zamveka bwino musanapitirire.

1. *Nyongolotsi, tizilombo, ndi tizilombo tating'onoting'ono timawonongeka. Pamene atembenezidwa ndi kuwululidwa, kuwala kwadzuwa kumawapha.*
2. *organic kanthu ndi kuvulazidwa. Dzuwa limawotcha zakudya m'zinthu zilizonse zomwe zimabweretsedwa kumtunda polima.*
3. *Kukokoloka kumapangitsa nthaka kukhala yopanda phindu. Kulima kumapangitsa kuti dothi liphwanyike ndikukhala laling'ono, zomwe zimapangitsa kuti nthaka iwonongeke komanso kukokoloka kwa mvula ndi mphepo.*
4. *Zakudya zatha ndipo nthaka si yathanzi.*

KUKAMBIKIRANA KWA GULU LALIKULU

Ndiye tiyenera kuchita chiyani? Tikufuna kusintha nthaka pang'ono momwe tingathere. Taganizirani za nkhalango, kodi Mulungu amalimapo? Ayi. Koma ngakhale Mulungu samalima nthaka imakulabe bwino.

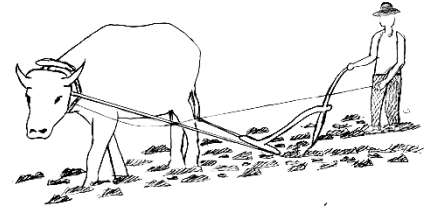
Tikamabzala mbewu koyamba pokonza malo, pangafunike kulima ndi kuchotsa udzu kuti nthakayo ikonzedwe. Pambuyo pake, ndi bwino kuti musagwiritse ntchito makina kapena ng'ombe zamtundu uliwonse polima munda wonse. Njira zotsatirazi zitha kugwiritsidwa ntchito popewa kusokonezanso nthaka pakubzala.

- Gwiritsani ntchito Ndodo ya Dibble kapena Makina Obzala Mwachindunji popanga mabowo ang'onoang'ono pansi kuti mbeu, mbande kapena mababu ang'onoang'ono abzalidwe. (Chiwonetsero **Cha Za ZITHUNZI:** Ndodo yobolera ndi ndodo iliyonse (kapena chikwanje) yolimba moti imatha kupanga mabowo m'munda wosalimidwa ndi zotsalira za ziputu. Njira imodzi yodziwika bwino ndiyo kudula kamtengo kolimba kutchire ndi kunola mbali ina. Mizere ikhoza kuzomedwa mu ndodo kusonyeza kuya kosiya kofunika kubzala mbewu zosiyanasiyana. Kenako gwiritsani

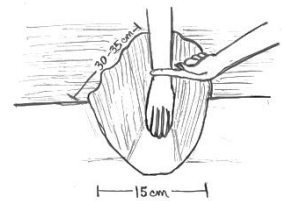


ntchito ndodo yobolera kupanga mabowo mumizere yowongoka motalikirana motalikana motalikana (izi zipang itsa kuti kusakhale kosavuta kupalira ndi kuthira feteleza kapena manyowa pambuyo pake).

- Pangani Mipata Yopapatiza kapena Mipata pogwiritsa ntchito Ripper. Choboola ndi chida chooneka ngati tchisi chokokedwa ndi nyama zing'onozing'ono kapena thirakitala. Amatsegula kagawo kakang'ono m'nthaka, pafupifupi masentimita 5-10 pomwe njere zimayikidwa popanda kusokoneza dothi lonse lozungulira. Chombocho ndi chaching'ono komanso chopepuka kuposa khasu. Ndizosavuta kugwiritsa ntchito komanso zotsika mtengo kugula ndi kukonza. (Chiwonetsero **ZITHUNZI: Mipata Yopapatiza**)



- Pangani maenje ang'onoang'ono kapena maenje pogwiritsa ntchito khasu la m'manja. Maenjewe ali pakati pa 15-25 cm kuya ndi 30 cm m'mimba mwake ndi pafupifupi mita imodzi pakati pa mizere (izi zidzadalira kumasuka kwa kukumba ndi kuya kwa nthaka). Mukabzala mbewu, babu, kapena mbande, dothi lapamwamba limabwezeretsedwa, pamodzi ndi manyowa, ndikuliunjikira mozungulira dzenjelo kuti mvula igwe ndikuusunga pomwe mbewuzo zimamera. (Chiwonetsero cha **za ZITHUNZI: Kubzala Mabowo kapena Maenje**)



Kambiranani:

- Kodi pali aliyense pano amene wagwiritsapo ntchito iliyonse mwa njira zitatu? Munabzala bwanji mbewu?
 - Kodi ubwino wake wakhala wotani?
 - Mavuto ake ndi otani?
 - Kodi mungandipangireko? Kodi mungakonde kuphunzitsa ena?

Kusunga Nthaka

Ngati munapita kunkhalango, mwawona kuti pansi pa nkhalangoyo muli masamba akale ndi nthambi. Limenelo ndi chofunda cha chilengedwe cha Mulungu pamwamba pa nthaka. Kusunga dothi ndi njira ina yothandizira nthaka yanu.

Pali zifukwa zitatu zomwe kusunga nthaka kuli kofunika. Mvetserani ndi kuwona ngati mungathe kuwakumbukira.

Kuphimba nthaka ndi maudzu kumathandiza kuti **pakhale nyengo yokhadzikika** (kuti kusatenthe kwambiri), kumathandiza kuti **nthaka ikhale ndi chinyezi** (kuti isaume ndi kufa), komanso zinthu zamoyo zimadyetsa tizilombo ndi zamoyo zomwe **zimawonjezera zakudya nthaka**.

ZOCHITA ZA MAGULU ANG'ONO (Anthu 3-5)

M'magulu anu, onani ngati mungathe kupanga mayendedwe a manja, nyimbo, nyimbo, kapena sewero kuti muthandize gulu lonse kukumbukira maubwino atatu osunga nthaka.

1. *imasunga kutentha koyenera*
2. *amasunga nthaka chinyezi*
3. *kumawonjezera zakudya m'nthaka*

NENO LABWINO

Malangizo Otsogolera: Funsani gulu lililonse kuti liwonetse zomwe adapanga kuti akumbukire zifukwa zitatu. Kenako tsindikani **chifukwa** chomwe mfundozi zili zofunika kuti nthaka ikhale yathanzi.

- **Amasunga kutentha koyenera** – izi zimathandiza kuti tizilombo toyambitsa matenda ndi zakudya zowonjezera komanso kuti tisafe chifukwa cha kutentha.
- **Amasunga chinyezi m'nthaka** – nthaka yomwe ili padzuwa imauma mwachangu Kwambiri. Dothi lomwe lili ndi chivundikiro limakhala lonyowa kwa nthawi yayitali, zomwe zimapangitsa kuti tizilombo toyambitsa matenda tizikula komanso kuti zakudya ziziyenda bwino.
- **Kumawonjezera zakudya m'nthaka** – Tizilombo tating'onoting'ono tikakhalabe ndi moyo ndipo chivundikiro cha nthaka chikuwola, michere yambiri imakhala m'nthaka kuti idyetse mbewu.

KUKAMBIRANA KWA GULU LALIKULU

Pali njira ziwiri zosavuta zomwe tingatsekere nthaka:

1. **MULCH:** Mulch ndi zinthu zosanjikiza, monga masamba, mapesi, khungwa, matabwa, kapena udzu, zomwe zimagwiritsidwa ntchito kuphimba nthaka. Tikakolola mbewu zathu, titha kusiya gawo lililonse la mbewu zomwe sitidya ngati zotchingira nthaka.
 2. **ZOKHUDZA PAVUTO:** Mbewu zovundikira (kapena Zovundikira Manyowa Obiriwira) nthawi zambiri ndi nyemba zomwe zimabzalidwa pakati pa mbewu zazikulu kapena nyengo zina zobzala. Mbeu zodziwika bwino ndi monga nyemba, nandolo, nandolo, mphodza, lupins, mesquite, carob, soya, mtedza, ndi tamarind. Pamene zikukula, mbewu za nyemba zimapatsa nthaka nayitrogeni, zimaphimba nthaka, ndiponso zimateteza namsongole. Zomera zikadulidwa kapena kufa, zimatha kusiyidwa panso ngati mulch.
- Kodi pali aliyense pano amene adagwiritsapo ntchito yophimba kapena Manyowa wobiliwira? Munagwiritsa ntchito chiyani ndipo bwanji?
 - Kodi ubwino wake wakhala wotani?
 - Mavuto ake ndi otani?
 - Kodi mungandipangireko? Kodi mungakonde kuphunzitsa ena?

Otsogolera: Onetsani **ZITHUNZI: Mbewu Zophimba Manyowa Obiriwira Zokhala ndi Malangizo Obzala.** Werengani mndandanda wa mbewu wamba. Funsani mafunso ali m'munsiwa. Ngati wina angafune kubzala GMCC, apatseni zambiri za kubzala kuchokera patchati (kapena muwaitane kuti abwere pambuyo pa kalasi kuti alembe)

- Ndi ati omwe ali ofala m'dera lanu?
- Kodi pali chilichonse chomwe mungafune kuyesa?

Kusiyanasiyana kwa Zokolola

Iyi ndiyo njira yomaliza yosamalira nthaka. Apanso, taganizirani za nkhalango. Kodi mwaona kuti pali zomera zambiri zomwe zimamera palimodzi, osati chomera chimodzi chokha? Chomera chilichonse chimagwiritsa ntchito zakudya zosiyanasiyana ndikuyika zakudya zosiyanasiyana m'nthaka. Mulungu analenga mitundu yosiyanasiyana ya zomera ndi mitengo kuti izi zisamayende bwino.

Kumbukirani nkhanu ya George Washington Carver? Iye anali ndi nkawa chifukwa aliyense anali kulima thonje, lomwe linachotsa nayitrogeni yonse m'nthaka. Ankafuna kuti abzale mtedza chifukwa umawonjezera nayitrogeni m'nthaka.

Kulima mbewu imodzi yokha chaka ndi chaka kumawononga nthaka chifukwa kumawononga chilengedwe chimene Mulungu ankafuna.

Kubzala mbewu zamitundumitundu (kulima mbewu ziwiri kapena zinayi zosiyana) kumatsata dongosolo labwino la Mulungu pakuyika zakudya zosiyanasiyana m'nthaka. Kubzala m'mitundu yosiyanasiyana kutha kulimidwa mophatikizana kapena kasinthasintha.

1. **Kulima mbewu zosiyanasiyana** kubzala mbewu ziwiri kapena zingapo mbali ndi mbali kapena pakati pa mizere. Chimanga ndi nyemba ndi zabwino kulimidwa chifukwa chimanga chimatenga nayitrojeni m'nthaka ndipo nyemba zimapatsa nitrogen m'nthaka.
2. **Kasinthasintha wa mbeu** zikutanthauzakusinthasintha mbewu zomwe mumalima m'dera lomwelo. Mwachitsanzo, mukhoza kulima chimanga nyengo yobzala ina ndipo chimanga china. Chifukwa kasinthasintha wa mbeu kumathandiza kubwezeretsa chilengedwe cha Mulungu m'nthaka, kumachepetsanso kukokoloka, kumapangitsa nthaka kukhala yachonde komanso kumawonjezera zokolola.

KUKAMBIKANA KWA GULU LALIKULU

- Kodi pali wina amene wagwiritsapo ntchito njira yosiyanita mbewu? Munagwiritsa ntchito chiyani ndipo bwanji?
 - Kodi ubwino wake wakhala wotani?
 - Mavuto ake ndi otani?
 - Kodi mungaivomereze, ndipo kodi mungakonde kuphunzitsa ena?

Mapeto

Mulungu analenga m'nthaka kuti nthaka ikhale yathanzi, kuti ipatse zomera zonse zofunika. Titha kutenga nawo mbali mu dongosolo labwino la Mulungu la dziko lathu! Titha kuphimba dothi ndi mulch, kusasokoneza nthaka pang'ono ndi mitundu yosiyanasiyana ya mbewu, ndi kugwiritsa ntchito feteleza wopangira kunyumba yemwe ndi wabwino kwambiri kunthaka kuposa mankhwala.

Tengani nthawi tsopano kuganizira mmene Mulungu amasamalirira nthaka ndi mmene nkhalango zimakulira m'nthaka yake. Kodi ungachite chiyani kuti usamalire bwino dziko Lake? Kodi mudzayesa njira zatsopano ziti?

Phunziro 6: Zopatsa thanzi Zomera Zomera

Mfundo Zazikulu

1. Zakudya zopatsa thanzi zimaperekedwa kuchokera kunthaka kupita ku zomera kupita ku zinyama ndi anthu ndi kubwerera kunthaka kachiwiri.
2. Monga anthu, zomera zimafuna zakudya zoyenera (zakudya) pa nthawi yoyenera (gawo) la kukula ndi kukula kwake.

Zipangizo

1. Zothandizira Zowoneka:
 - a. Njira za kadyedwe
 - b. Tchatu cha Nutrients by Stage (chimodzi pagulu lililonse laling'ono)
 - c. Makhadi a Zakudya & Magawo (seti imodzi pagulu lililonse, dulani makadi)
 - d. Kuonjezera Makhadi Opatsa Zakudya (seti imodzi pagulu, dulani makadi)
 - e. Zida Zamoyo Pagawo Lililonse la Kukula - Sindikizani buku limodzi
 - f. Kudzipangira Wekha Feteleza
2. Zosankha za Bukhu la mphunzitsi.
 - a. Magawo a Kukula & Zopatsa thanzi
 - b. Kudzipangira Wekha Feteleza ndi Kuonjezera Zakudya

Mawu Oyamba

KUKAMBIRANA KWA GULU LALIKULU

M'phunziro lapitali tinanena kuti monga n'kofunika kuti matupi athu apeze zakudya zokwanira kuti akhale athanzi, n'kofunikanso kuti zomera zizipeza zakudya zoyenera kuti zikhale zathanzi.

Kuti tisamalire bwino dziko limene Mulungu wapereka kuti agwiritse ntchito, tiyenera kuphunzira zambiri za dongosolo lodabwitsa la Mulungu. Tikatero tittha kuthandiza mbewu zathu kupeza chakudya chokwanira pa nthawi yoyenera.

Nutrient Cycle

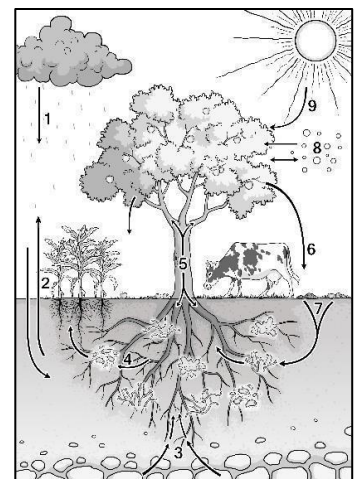
KUKAMBIRANA KWA GULU LALIKULU

Malangizo Otsogolera: Onetsani **ZITHUNZI**: **Mmene Chakudya imayendera.**

Talankhula kale pang'ono za momwe zakudya zimawonjezedwa kunthaka. Tsopano tiyang'ana mozama kuzungulira kwa michere yonse.

Kuzungulira kwa michere ndi njira yomwe michere imapangidwira ndikuperekedwa kuti ipatse moyo ku chilengedwe chonse. Zakudya ndizofunikira pa moyo.

Zakudya za m'nthaka zimagwiritsidwa ntchito ndi zomera zomwe zimadyedwa ndi anthu kapena nyama, kenako zimabwereranso ku chilengedwe zikafa kapena zikachotsa zinyalala (monga zomera zimataya masamba, manyowa a nyama).



Nyongolotsi, tizilombo, ndi tizilombo tating'onoting'ono ta m'nthaka timaphwanya zinthu zamoyo, ndikupangitsanso zakudya kukhala ndi mchere, zomwe zimapangitsa kuti zomera zizigwiritsanso ntchito. Izi ndi kuzungulira kwa mchere.

Mbali inanso ya kayendedwe kameneka ndi yakuti zinthu zachilengedwe sizimangothandiza kuti nthaka ikhale yathanzi, koma nthaka yathanzi imathandizira kuti pakhale zokolola zabwino.

Imodzi mwa njira zabwino kwambiri zowonjezerera zinthu zachilengedwe m'nthaka ndiyo kusunga nthaka yathanzi ndi kulima mbewu zathanzi zomwe zimawonjezera kuwonongeka kwa zomera. Nthaka yathanzi imapanga zomera zathanzi zomwe zimapangitsa ziweto kukhala zathanzi, zomwe zimachotsa zinyalala zomwe zimatulutsa zakudya zambiri zomwe zimapangitsa nthaka yachonde, yachonde.

Kambiranani:

- Tchulani zinthu zosiyanasiyana zomwe zingathandize kupanga dothi labwino.
 - *Madzi (mvula)*
 - *Manyowa*
 - *Masamba ndi kuvunda yokolola mbewu*
 - *Dzuwa*
 - *Tizilombo tating'onoting'ono*
- Mukuganiza kuti miviyo ikutiwonetsa chiyani?
 - *Pali njira zosiyanasiyana zomwe zakudya zimalowera munthaka ndikubwereranso muzomera ndi mitengo.*

Tiyeni tiwone mwachangu magawo 9 osiyanasiyana aulendowu.

1. **Mvula** – imapereka zakudya zomwe zidalowa mumlengalenga ku zomera ndi nthaka.
2. **Nthaka** – madzi, mpweya, ndi zakudya zimasungidwa pano mpaka zitafunika ndi tizilombo tating'onoting'ono kapena zomera. Zakudya zina zimabwereranso mumpweya chifukwa cha nthunzi.
3. **Miyala, miyala, ndi miyala** – Mizu yolimba ya zomera ithandizanso kuswa miyala ya miyala kukhala tizidutswa ting'onoting'ono kuti zamoyo zina zigwiritse ntchito m'nthaka.
4. **Tizilombo tating'onoting'ono** – amadya zinthu zachilengedwe ndikuyika zakudya m'nthaka m'zinyalala zawo.
5. **Mitengo ndi zomera** – amayamwa zakudya m'nthaka kudzera mumizu yake ndikuzipereka kumadera ena a zomera. Mizu imathandiza kupanga ngalande m'nthaka momwe mpweya ndi madzi zimatha kuperekedwa ku tizilombo tating'onoting'ono. Amagwiritsanso ntchito mphamvu ya dzuwa kuti asinthe zakudya zina kukhala chakudya chawo.
6. **Masamba akufa ndi mbewu zakale za zomera ndi mitengo** – adakhalapo ndi moyo wawo ndipo tsopano amawuzidwanso munthaka kuti azigwiritsidwa ntchito ngati 'chakudya cha nthaka' pamene akusweka.
7. **Zinyama** (pamwamba pa nthaka ndi panso) – ali ndi ntchito zambiri. Nyongolotsi zimakumba m'nthaka kupanga ngalande za mpweya ndi mpweya. Tizilombo tating'onoting'ono timathandiza kuti zomera zakufa ziwole. Ng'ombe ndi Ng'ombe zimadya udzu ndi udzu. Nkhuku ndi mbalame zina zimadya nsikidzi zowononga. Zinyalala zonse za nyama zilinso 'chakudya cha nthaka'. Pamodzi ndi zomera zowola, zonyansa za nyama zimadyetsa nthaka pamene ikusweka.
8. **Mpweya** – imasunga zakudya zoyandama zomwe zomera ndi nyama zimafunikira monga haidrojeni, kaboni, ndi mpweya. Masamba atsopano pa zomera amalandira zakudya kuchokera ku mvula ndi mpweya, amayamwa zakudyazo kukhala chakudya kuti apereke kumadera ena a zomera.
9. **Dzuwa** – Dzuwa limatulutsa mphamvu kubzala masamba kuti athe kuyamwa chakudya chawo.

Magawo Akukula

KUKAMBIRANA KWA GULU LALIKULU

- Kodi mumamudyetsa chiyani mwana wanu ali ndi masiku atatu? Miyezi 6?
- Kodi mumapanga zosintha zotani podyetsa mwana wanu ali ndi zaka ziwiri? Zaka 10?
- Nchifukwa chiyani mumadyetsa mwana wanu mosiyana pamene mwanayo akukula?

Kudyetsa zomera kumafuna njira yofanana yogwiritsira ntchito kuchuluka kwa zinthu zoyenera panthawi yoyenera. Izi zipangitsa kuti mbewu ndi/kapena ziweto zikule bwino bwino mwachilengedwe.

Anthu ambiri amaganiza kuti chakudya chikakhala chambiri m’nthaka, m’pamenenso mbewuzo zimakula bwino. Koma izi si zoonza. Ngati mungadye kuwirikiza kawiri, kodi mungakule kwambiri? Ayi? Ukuganiza kuti chingachitike n’chiyani?” Kuchulukitsa feteleza, monga kudya mopambanitsa, sikuli bwino.

Monga anthu, zomera ndi nyama zimafuna mitundu yosiyanasiyana ya zakudya (zakudya) pamlingo wosiyanasiyana wa kukula kwawo. Monga momwe mwana wobadwa kumene amafunikira mkaka wa m’kawere, zomera zing’ono kapena nyama zimangodyetsedwa ndi zakudya zomanga thupi ndi milingo yoyenera malinga ndi msinkhu wawo.

Mbewu zonse zimadutsa m’magawo akukula ndikukula molingana ndi kusintha komwe kumachitika ndi maluwa ndi fruiting. Zimakula bwino tikapatsa nthaka kuchuluka kwa michere yoyenera pa nthawi yoyenera.

Wotsogolera: Onetsani **ZITHUNZI: Zakudya zopatsa thanzi ndi Stage Chart**. Fotokozani gawo lililonse (gawo la kukula) monga momwe zalembedwera pansipa. Kenako dutsani mzere uliwonse kuyambira ndi Nayitrogeni. (Mwachitsanzo, mu Gawo la Kukula, Nayitrogeni “Wochuluka” ndi wofunika kwambiri pa nthawiyi. M’magawo onse a Kusintha ndi Kucha, nayitrogeni wochepa amafunikira pa mbeu.) Pita mumzere uliwonse, kusonyeza kuchuluka kwa michere yomwe imagwiritsidwa ntchito pa mbeu. siteji iliyonse.

Magawo Atatu a Kukula kwa chomera chosowa chakudya.

1. **Gawo Lakukula** (khanda) – Iyi ndi nthawi yomwe zomera zimamera mizu, mphukira ndi masamba. Apa ndi pamene zomera zimakula kwambiri ndipo zimafuna nayitrogeni wambiri.
2. **Kusintha Pa Stage** (adolescent) – Apa ndi pamene zomera zimayamba kutulutsa maluwa pokonzekera kubereka. Nthawi imeneyi ndi yofanana ndi ya achinyamata. Panthawi imeneyi, anyamata ndi atsikana amafunika chakudya chochuluka kuti athandize matupi awo kusintha matupi akuluakulu. Zomera zimakhala ndi gawo lofanana lomwe zimafunikira zakudya zosiyanasiyana kuposa kale. Zomera zimafuna Kasiyamu (Ca) ndi Phosifolasi wochuluka panthawiyi.
3. **Gawo Locha** (wamkulu) – Awa ndi siteji yoyambira maluwa mpaka kucha kwa zipatso. Kutipatso zikule bwino, potaziyamu (K) ndiyofunikira.

ZOTHANDIZA		KUKULA		SINTHA		KUCHA
Nayitrogeni (N)		Wapamwamba		Zochepa		Zochepa
Potaziyamu (K)		Zochepa		Wapakati		Wapakati-Wamtali
Phosifolasi (P)		Zochepa		Wapamwamba		Wapakati
Kashiyamu (Ca)		Zochepa		Wapamwamba		Wapakati

ZOCHITA ZA MAGLULU ANG'ONO

Malangizo Otsogolera: Lipatseni gulu lililonse envulopu yokhala ndi zonse **ZITHUNZI: Makhadi a Nutrient & Stages**, ndi **ZITHUNZI: Zakudya zopatsa thanzi ndi Stage Chart**. Gulu lililonse lisankhe makhadiwo kukhala

milu itatu yoyimira gawo lililonse la magawo atatuwo. Ngati mulibe makhadi omwe alipo, mutha kusewera masewera pogawana m'magulu ang'onoang'ono ndikuwerenga khadi mokweza ndikuwona gulu liti lomwe likuwonetsa siteji yomwe khadiyo ikulowera.

ZITHUNZI: Makhadi a Zokudya zopatsa thanzi

Pamene zomera kukhala mizu ndi mphukira	Zomera zimayamba kuphuka panthawiyi.	Chipatsocho chimayamba kucha pa zomera
Zomera zakhanda	Zomera zachinyamata	Zomera zazikulu
Imafunika kuchuluka kwa nayitrogeni kuti ikule bwino	Zomera zimafunikira Phosifolasi ndi Kasiyamu	Zomera zimafunika kuchuluka kwa potaziyamu kuti zikule bwino komanso zina Phosifolasi ndi Kasiyamu
Imafunikira potaziyamu, Phosifolasi ndi Kasiyamu yochepa	Zomera zimafunika potaziyamu ndi nayitrogeni wochepa kwambiri	Mulingo wochepa kwambiri wa Nayitrogeni umafunika
Gawo Lakukula	Gawo la Kusintha	Gawo Locha

KUKAMBIKIRANA KWA GULU LALIKULU

- Ndi michere iti yomwe imafunika kwambiri pakukula kwa mbewu? nayitrogeni
- Kodi mungadziwe bwanji kuti mbewu yayamba kukula ndikukula? Chomera chaching'ono koma chomera mizu ndi masamba.
- Ndi mchere uti womwe umafunika kwambiri pakupanga maluwa ndi kucha kwa zipatso? Potaziyamu
- Kodi mungadziwe bwanji kuti mbewu yayamba kucha? Chipatsocho chimayamba kucha
- Ndi zakudya ziti zomwe zimafunika kwambiri pakusintha (kusintha) kupita ku maluwa? Phosifolasi ndi kasiyamu.
- Kodi mungadziwe bwanji kuti mbewu yatsala pang'ono kusintha? Chomeracho chimayamba kuphuka.
- Ndi mbewu ziti zomwe zikukula m'minda mwanu pompano?
- Kodi ali mu gawo la kukula liti? Kodi mungadziwe bwanji?
- Ndi zakudya ziti zomwe zingakhale zothandiza kwa iwo tsopano?

NENO LABWINO

Limbikitsani:

- Nayitrogeni amafunikira makamaka mu Gawo Lokulirapo
- Potaziyamu ndiyofunikira makamaka pa Kucha
- Phospholasi ndiyofunikira makamaka mu Gawo la Kusintha-Kupitilira ndi ena mu Gawo Locha
- Kasiyamu ndiyofunikira makamaka mu Gawo la Kusintha-Kupitilira ndi ena mu Gawo Locha

Takambirana **nthawi** yoti tiwonjezere zakudya zinayi zofunikazi, koma tsopano tifunika kudziwa **komwe tingapeze zakudyazi** komanso **momwe tingaziwonjezerere**.

Mu phunziro lapitalo, tidakambirana chifukwa chake feteleza wamankhwala ndi oyipa. Mu phunziro ili tikambirana za momwe tingapangire ife tokha feteleza ndi njira zina zowonjezerera zakudya kudzera muzinthu zachilengedwe monga ma peel a nthochi, zipolopolo za mazira, khofi, ndi udzu wa m'nyanja.

Tsopano, tiyeni tione ngati tingathe kudziwa zomwe tingaika m'nthaka yathu kuti tiwonjezere zakudya zofunikazi pa nthawi yoyenera.

ZOCHITA ZA M'magulu ANG'ONO (magulu atatu) -

Malangizo Otsogolera: Lipatseni gulu lililonse envulopu imodzi **ZITHUNZI: Kuwonjezera Makhadi a Zakudya.** Perekani gulu lililonse gawo limodzi loti likhale lolunjika pa ntchitoyi. Ayang'ana pa khadi lililonse, kukambirana, ndikusankha makhadiwo kukhala milu iwiri - imodzi mwazakudya zomwe zimafunikira pagawolo (lapakati ndi lalitali) ndi chimodzi mwazakudya zomwe sizikufunika panthawiyo (zotsika) akuyenera kuwonetsa kugwiritsa ntchito khadi limodzi kapena awiri kuti magulu ayambe. Gwiritsani ntchito Tchati cha Growth Stage & Nutrients kuti muwathandize kukumbukira gawo lililonse.

M'magulu anu:

1. Yang'anani pa khadi lililonse kuti muwone chomwe liri ndi zakudya zomwe limapereka.
2. Sankhani ngati mungafune kuwonjezera pa feteleza wanu wachilengedwe? (zapakati ndi zapamwamba)
3. Kenako pangani mulu wa zinthu zonse zomwe zingagwiritsidwe ntchito panthawiyo kuti mupereke zakudya zoyenera kunthaka ndi zomera.

NENO LABWINO

Malangizo Otsogolera: Gulu lililonse likapanga milu yawo, funsani gulu limodzi kuti ligawane zinthu zomwe angawonjezere ku fetezeza pa nthawi ya kukula. Funsani gulu lalikulu ngati likuvomera kapena kusintha ngati pakufunika kutero. Pomaliza, sonyezani **ZITHUNZI: Zida Zachilengedwe Pagawo Lililonse la Kukula)**

- **Gawo Lakukula** – Nayitrogeni (nandolo, nyemba, manyowa a ng'ombe ndi nkuku, malo a khofi ndi mbewu zina zobwezeretsa chonde nthaka)
- **Kusintha-siteji** – Phosifolasi (makanda a nthochi, zipolopolo za nkhanu, ma peel a shrimp, njere ndi mtedza) ndi Kasiyamu (zipolopolo za mazira, phulusa la nkuni) ndi potaziyamu (makanda a nthochi, phulusa la nkuni, kelp ndi udzu wa m'nyanja)
- **Gawo Locha** – Potaziyamu (ma peel a nthochi, phulusa la nkuni, kelp, ndi udzu) ndi phosifolasi (makanda a nthochi, zipolopolo za nkhanu, ma peel a shrimp, njere ndi mtedza) ndi Kasiyamu (zipolopolo, phulusa la nkuni) Gawo Locha

Pangani Feteleza Wanuwano

Tsopano popeza taphunzira zimene zomera zimafunikira m'magawo osiyanasiyana a kakulidwe, tingaphunzire kupanga tokha feteleza wachilengedwe amene ali wabwino m'nthaka komanso amathandiza kupereka zakudya zofunika. (Pemphani ndalama **ZITHUNZI: Kudzipangira Wekha Feteleza)**

Kuti mupange feteleza wanu wachilengedwe, mutha kugwiritsa ntchito zinthu monga mankhosho a chimanga, masamba akufa, manyowa a nyama zazing'ono, phulusa la nkuni, madzi, ndi mkodzo.

Mudzafunika izi:

- 20 kg ya mankhosho a chimanga.
- 20 kg ya manyowa a ziweto zazing'ono monga mbuzi, nkumbwa, nkuku, kapena akalulu. Osagwiritsa ntchito manyowa a ng'ombe kapena akavalo (manyowa a nkuku ali ndi nayitrogeni wambiri komanso potaziyamu wocheperapo kuposa manyowa ena).
- 10 kg ya phulusa la nkuni.
- 5 l madzi kapena mkodzo. Mkodzowo ukhoza kukhala mkodzo wa munthu kapena wa nyama.
- Mufunikanso thumba lapulasitiki lalikulu, thumba losungiramo feteleza, ndi pansa pa khondo.

Ndondomeko: Thirani manyowa a nyama olemera makilogalamu 20 pansa. Onjezani mankhosho a chimanga 20 kg kapena masamba akufa. Sakanizani bwino. Kenaka yikani phulusa la nkuni 10 kg ndikusakanizanso. Onetsetsani kuti zigawo zonse zasakanizidwa bwino. ** Kenako, onjezerani malita 5 a mkodzo kapena madzi. Sakanizani bwino ndikuyika zosakanizazo muthumba lanu lapulasitiki; ikani thumba m'thumbalo ndi kulimanga

mwamphamvu kuti mpweya usalowe kapena kutuluka. Ikani m'malo ophimbidwa kwa masiku 21. Pambuyo pa masiku 21, tsegulani thumbalo.

Chenjezo: Mukatsegula, musayang'ane m'thumba. Fungo ndi mpweya umene umatuluka ndi wamphamvu kwambiri. Yanikani feteleza pamthunzi kwa maola awiri kenaka yikani m'thumba kuti musungidwe kapena mugwiritseni ntchito nthawi yomweyo.

**** Ngati simugwiritsa ntchito feteleza wamankhwala pano, sitikulimbikitsani kuyamba. Koma anthu ena ali kale ndi feteleza wambiri wa mankhwala. Ngati mwakhala mukugwiritsa ntchito feteleza wamankhwala, mutha kuwonjezera pang'ono ku feteleza wanu wachilengedwe mutasakaniza phulusa la nkuni. Onetsetsani kuti mwamvetsetsa momwe mungagwiritsire ntchito mwanzero. Mutha kuwonjezera 5 kg wa feteleza wa CAN kapena kuwonjezera 5 kg wa Feteleza wa Urea Chemical. Sakanizani feteleza bwino kwambiri. Kenaka yikani mkodzo ndikupitiriza monga momwe tafotokozera pamwambapa.**

Mukayamba kugwiritsa ntchito feteleza wanu wachilengedwe, yesani kagawo kakang'ono ka mbeu yanu musanagwiritse ntchito pa mbewu zanu zonse. Feteleza pang'ono ndi zinthu zachilengedwe zingapangitse kusiyana kwakukulu. Kumbukirani, tikudyetsa nthaka kuti tizilombo tating'onoting'ono tithe kupereka zakudya zomwe zomera zimafuna.

Zida Zachilengedwe Zomwe Mungawonjezere ku Feteleza Wanu: Tsopano titha kugwiritsanso ntchito zomwe tangophunzira kumene za zinthu zachilengedwe zomwe zimafunikira gawo lililonse la kukula kwa mbewu. Mutha kuziwonjezera ku feteleza wanu kapena kuziyika m'mabasiketi anu a Earthworm Food nthawi iliyonse kuti mupitirize kudyetsa nthaka yanu ndi tizilombo tating'onoting'ono tating'ono. Zinthu za organic izi zimawonongeka pang'onopang'ono kuti zisawononge nthaka yanu.

- Masamba a nthochi – Njira yabwino yowagwiritsira ntchito ndi kuwaduladula. Dulani peel imodzi kapena ziwiri kuti muwonjezere kusakaniza. Izi zidzapatsa masamba anu gwero labwino la potaziyamu.
- Malo a khofi – Zomera zokonda acid monga tomato ndi maluwa zimafunikira nayitrogeni wowonjezera kuti zikule. Malo a khofi ndi gwero labwino la nayitrogeni. M'malo mowonjezera malo ku feteleza, mukhoza kuwaza malo a khofi pamwamba pa nthaka musanathirire. Njira ina ndikupanga kusakaniza kwamadzimadzi: zilowerere makapu 6 a khofi mu ndowa yamadzi 5-gallon. Lolani kuti likhale kwa masiku 2-3 ndikudzaza nthaka mozungulira mbewu zanu.
- Zipolopolo za mazira – Asambitseni kaye, kenako aphwanyeni. Gwirani zidutswa za zipolopolo m'nthaka pafupi ndi tomato ndi tsabola. Zipolopolo za mazira zimakhala ndi Kasiyamu, yomwe imathandiza kuthetsa zowola za maluwa.
- Nandolo ndi nyemba ndi mbewu zina zobwezeretsa chonde m'nthaka – ndi bwino kuwapukuta ndikuwonjezera m'nthaka.
- Udzu wam'nyanja – Udzu wam'nyanja watsopano ndi wouma ndi wabwino kwambiri ku nthaka. Simufunikanso kuchotsa mchere pa izo. Dulani ndowa yaing'ono ya m'nyanja ndikuwonjezera ku malita 5 amadzi. Lolani kuti likhale kwa masabata 2-3 osaphimbidwa. Gwiritsani ntchito kuthirira nthaka ndi masamba. 2 makapu amagwira ntchito bwino pa chomera chaching'ono, makapu 4 a chomera chapakati ndi makapu 6 a chomera chachikulu.

Kumvetsetsa Feteleza

Ngati munagwiritsapo ntchito feteleza wamankhwala, mutha kudziwa kuti amaphatikizanso kusakaniza kwa Nitrogen, Phosifolasi ndi Potaziyamu (koma osati Kasiyamu). Musanagwiritse ntchito feteleza wamtundu uliwonse, muyenera kuonetsetsa kuti mwafunsa momwe mungagwiritsire ntchito. Feteleza SALI zofanana.

- Manyowa amtundu uliwonse amakhala ndi magawo ofanana a Nayitrogeni (N), Phosifolasi (P) ndi Potaziyamu (K) ndipo amatha kulembedwa 10-10-10. Izi zikuyimira kuchuluka kwa N, P, K. ndipo nthawi zonse amalembedwa mu dongosolo limenelo.
- Kusakaniza kwabwino kwa siteji ya kukula kungakhale 10-5-5 – mkulu wa nayitrogeni ndi Phosifolasi wochepe ndi potaziyamu.
- Kusakaniza kwabwino kwa siteji yosinthira kungakhale 5-10-8 ndi Nayitrogeni wochepe, Phosifolasi wapamwamba ndi Potaziyamu wapakatikati.
- Kusakaniza kwabwino kwa fruiting kungakhale 5-7-9 – ndi Nayitrogeni yochepa, Phosifolasi wapakatikati ndi Potaziyamu wapakatikati.

Takambirana kale za kuipa komwe kumachitika chifukwa cha feteleza wamankhwala. Tsopano tikuwona kuopsa kwina kuwiri kwa feteleza wamankhwala:

- 1) Ngati mugwiritsa ntchito feteleza wosakaniza pa nthawi yolakwika, zitha kuwononga kukula kwa mbewu zanu.
- 2) Feteleza wamankhwala amawunikidwa ndipo wochulukira akhoza kupha mbewu zanu ndikuwononga nthaka yanu.

Ndi bwino kugwiritsa ntchito njira za Mulungu kudyetsa nthaka yanu ndi zomera ndi zinthu zachilengedwe ndi fetereza.

Ndipo n’kofunika kumvetsetsa zakudya zimene zimafunika pa gawo lililonse la kukula kuti muthe kusamalira malo anu monga momwe Mulungu analamulira.

Mapeto

KUKAMBIRANA KWA MAGULU ANG’ONO

Ganizirani za mbewu zanu nyengo yathayi:

- Kodi munathirira mbewu zanu feteleza? Munawathira manyowa liti? Kodi anatani?
- Kodi kudziwa za magawo atatuwa kungapindulitse bwanji ulimi wanu?
- Ndi chinthu chiti chomwe mwaphunzira chomwe mukufuna kuchigwiritsa ntchito paulimi wanu?

Phunziro 7: Minda Yachakudya ya chaka Chonse

Mfundo Zazikulu

1. Munda wolinganzidwa bwino udzapereka chakudya chathanzi chokwanira cha banja lanu chaka chonse, kotero mutha kupeza ndalama zowonjezera komanso kugawana ndi anansi ndi omwe akusowa.

Zipangizo

1. Zothandizira Zowoneka:
 - a. Munda Wakudya Wachaka chonse (kope limodzi)
 - b. Njira Khumi Zopangira Munda Wazakudya Wazaka Zonse (kope limodzi kapena pangani chithunzi)
 - c. Njira Zopangira Minda Yazakudya Zaka Zonse Zithunzi zithunzi (seti imodzi ya zithunzi zisanu ndi zitatu)
2. Zipangizo Zopangira Mabasiketi a Chakudya cha Nyongolotsi - malo, fosholo, ndodo, ndi zinthu zachilengedwe zopangira chimango cha bedi lamunda (nthambi za kokonati kapena nsungwi, mwachitsanzo), zomata pafupifupi 30 cm, zoluka zadengu (monga nsungwi kapena zofewa zakumaloko). zinthu zachilengedwe koma zosawonongeka mosavuta).

Mawu Oyamba

KUKAMBIRANA KWA GULU LALIKULU

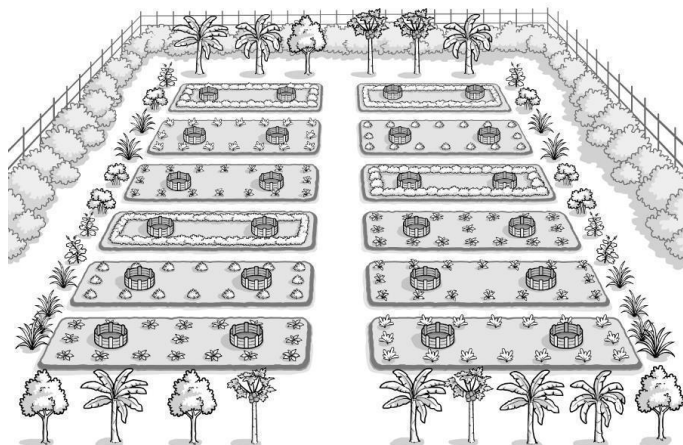
Taphunzira zambiri zokhudza kugwirizana ndi chilengedwe cha Mulungu pa ulimi wathu. Mu phunziro ili tigwiritsanso ntchito malingaliro omwewo pa minda yathu.

- Ndi ndiwo zamasamba zotani zomwe mumadya kunyumba kwanu pafupipafupi?
- Kodi mukuganiza kuti n'chifukwa chiyani n'kofunika kudya zipatso ndi ndiwo zamasamba?
- Kodi mumalima zipatso ndi ndiwo zamasamba kuti banja lanu lidye m'munda mwanu tsopano? Ngati ndi choncho, ndi mitundu yanji?
- Kodi mumatani ngati kunja kukutentha kwambiri kapena kuzizira kwambiri moti simungathe kulima chakudya m'munda kunja?

Kupanga Munda Wazaka Zonse

Ngakhale mafamu nthawi zambiri amakhala ndi mbewu imodzi, ziwiri, kapena zitatu, zomwe zimatha kukolola kamodzi kapena kawiri pachaka, Munda Wazakudya wa Chaka Chonse wapangidwa kuti uzipereke masamba ndi zipatso zambiri chaka chonse. M'nyengo yotentha kwambiri kapena yozizira kwambiri, nyumba za hoop kapena mithunzi zingagwiritsidwe ntchito kusunga munda wanu kulima chakudya chaka chonse. Tiwona momwe tingapangire Nyumba ya Matabwa mu phunziro lotsatira. Kamangidwe ka dimba komwe tikuphunzirapo kamagwiritsa ntchito malo okwana masikweya mita 100 okha. Umu ndi momwe munda wamtunduwu ungawonekere:

Malangizo Otsogolera: Onetsani **ZITHUNZI** chithunzi cha Chakudya cha Chaka ChonseMunda.



Munda woterewu umagwiritsa ntchito masamba okhwima oyambilira, apakati pazaka komanso zapachaka, kuti masamba azipezeka chaka chonse. Zipatso zina zachikhalire ndi mitengo imabzalidwa mozungulira mundawo kuti muteteze mundawo ndikupereka mitundu yosiyanasiyana ya zipatso. Madengu a chakudya cha mbozi za m'nthaka amaikidwa m'mundamo ndipo amadzazidwa ndi nyenyiswa zakukhitchini ndi manyowa kuti akope mphutsi zomwe zimapanga nthaka yabwino. Pali malo okwanira kuchita kasinthatintha wa mbewu ndi kubzala mosalekeza chaka chonse.

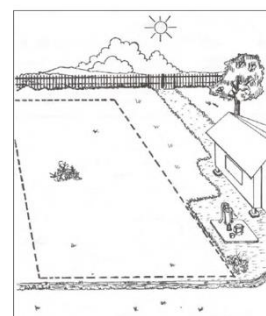
Pali masitepe khumi (10) popanga Dimba la Chakudya la Chaka Chonse. Ngati muli ndi dimba kale, njirazi zingakuthandizeni kuti mukhale ndi zokolola zambiri.

Malangizo Otsogolera: Ikani the **ZITHUNZI** chithunzi: **Njira Khumi Zopangira Chakudya Chazaka Zonse** Mundapamwamba pa khoma kuti aliyense akhoze kuchiwona. Ndiye yalani eyiti **ZITHUNZI** zithunzi pansi mwachisawawa ndipo funsani gulu kuti liyime mozungulira zithunzizo. Pamene mukukamba za sitepe ililonse, funsani gulu kuti lisankhe chithunzi chomwe chikuwonetsera masitepewo.

Khwerero 1 – Pezani malo abwino kwambiri am'mundamo

Chinthu choyamba ndikupeza malo abwino a dimba lanu. Kodi muyenera kuganizira chiyani posankha malo oti muyike dimba lanu?

- **MADZI ABWINO** – Madzi ndi ofunikira pakukula kwa mbewu. M'nyengo yachilimwe, ndikofunikira kuti masamba akule. Ganizirani za malo omwe mungapezeka madzi a zomera mosavuta.
- **KUKHALA KWABWINO KWA NTCHITO** – Moyenera, bzalani dimba lanu pamalo otsetsereka kuti mupereke ngalande, makamaka nthawi yamvula. Ngati malo anu ndi athyathyatha, kumbeni ngalande kapena ngalande kuzungulira dera lanu.
- **NTCHITO YABWINO** – Dothi la m'munda mwanu liyenera kuchotsedwa miyala ikuluikulu, zinyalala, ndi zinyalala zina.
- **DZUWA** – Tsamba lanu la dimba liyenera kulandira kuwala kwa dzuwa tsiku lonse. Onetsetsani kuti kutalika kwa bedi lamunda kuli kum'mawa kumadzulo, kuti zomera zizikhala ndi dzuwa tsiku lonse. Zomera zomwe zikukula zimafunikira kuwala kwa dzuwa kuti zipange maluwa ndi kucha zipatso.
- **KUGWIRITSA NTCHITO KWA MPINGO WABWINO** – Kuyenda bwino kwa mpweya kumatanthawuza kuchuluka kwa mpweya womwe umayenda m'munda wanu. Mphepo yamphamvu si yabwino kwa zomera zazing'ono. Ndi bwino kukhala ndi zotchingira mphepo zachilengedwe kuzungulira, kuphatikizapo mapiri, mitengo, ndi nyumba.



- Zomwe **ZITHUNZI** Chithunzi chikuwonetsa Gawo #1?

Gawo 2 – Perekani malo okwanira m'munda wanu

Kukula koyenera kwa dimba ndi zana limodzi (100) lalikulu mita. Izi ndizokwanira kupereka masamba atsopano omwe amafunikira banja la anthu asanu ndi mmodzi tsiku lililonse, ndipo ena amatsala kuti apereke kwa ena kapena kupita nawo kumsika kuti akalandire ndalama zowonjezera.

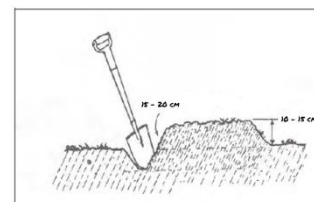
- Kodi ndi kuti komwe kuli malo ena m'dera lanu omwe ali ndi malo okwanira komanso malo abwino okhalamo?

Palibe chithunzi cha sitepe iyi.

Khwerero 3 – Konzani bwino nthaka ndi malo.

Ndi zinthu ziti zomwe mumachita pokonzekera dothi ndi malo m'munda yanu? Minda yamasamba yopambana imadalira kwambiri momwe mumakonzekera bwino nthaka musanabzale. Masamba amakula ndi kubereka bwino mu nthaka yokonzedwa bwino.

- CHOTA MALO – Chotsani miyala yonse, zinyalala ndi zinyalala m'munda mwanu.
- PANGA MABANDWA A MUNDA OWERA – M'malo mobzala malo amodzi akuluakulu, pangani mizere iwiri ya mabedi ang'onoang'ono a 4-6. Panga bedi lililonse la dimba kukhala 1 mita ndi 8 mita, kukwezedwa 10-15 cm kuchokera pansi. Kukweza mabedi motere kumathandizira ntchito yanu; zimathandizanso kupereka njira kudutsa m'munda.
- PANGANI NGANGE KUZUNGULIRA BEDI LILI LONSE – Imbeni ngalande mbali zonse kuti mupereke ngalande zabwino. Kuzama kwa bedi ndi ngalande kuyenera kukhala pafupifupi 5 cm. Onjezerani dothi kuchokera ku ngalande kupita ku bedi lokwezeka kotero kuti kuya kwa bedi kuchokera mu ngalandeyo ndi 15-20 cm.
- WONJEZERANI MMALIRE PA BEDI LILI LONSE – Ngati n'kotheke, bzalani zomera zotulutsa nayitrojeni m'mphepete mwa bedi lililonse kuti lisakokoloke. Zomera izi zimadyetsa nthaka, zimathandizira kuchepetsa udzu ndikuwonjezera mitundu yosiyanasiyana m'munda wanu. Adzafunika kudulira mosasinthasintha. Njira ina yopewera kukokoloka ndikuyika timitengo ndi miyala m'mphepete mwa minda yamaluwa. Phimbani njirazo pafupifupi 40 cm mulifupi ndikuphimba ndi nthambi zouma kapena udzu.



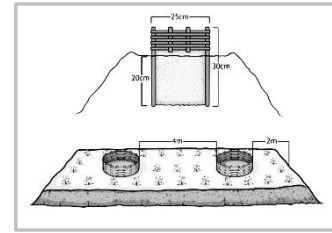
- Zomwe **ZITHUNZI** Chithunzi chikuwonetsa Gawo #3?

Khwerero 4 – Kokerani Mphutsi

- PANGANI BASKETI LA CHAKUDYA CHA WORM – Mamita awiri kuchokera m'mphepete mwa bedi lalitali, kukumba dzenje lakuya 20 cm ndi 25 cm mulifupi. Pangani dengulu lawaya, kapena jambulani nsungwi zopindika mozungulira pamtengo, kuti zikhale zozungulira zotalika masentimita 30 m'mwamba ndi zotseguka pansi. Kenako ikani dengulu mudzenje. Madenguwa ayenera kukhala 4 mita motalikirana.
- MMENE MUNGAKOKERE MBOSEZI – Ikani zing'onozing'ono zakukhitchini yanu (monga zosenda, zigoba za mazira, ndi khofi) ndi kusakaniza kwanu kwa feteleza wachilengedwe kapena manyowa a mbuzi kapena ndowe za nkuku m'mitanga, kenaka yikani udzu, udzu, ndi masamba. Palibe chifukwa chotembenuza zinthu za kompositi. Ingopitirizani kuwonjezera zipangizo zatsopano. Mukatha

kukolola, chotsani madengu ndikusiya kompositi m'nthaka. Nyongolotsi zidzakoepka ndi "chakudya" ndipo zidzakulimira nthaka yanu pamene mukuzidyetsa. Adzapangitsa nthaka kukhala yachonde.

Mutha kuwonjezera mubasiketi zina mwa zinthu za organic zomwe tazilemba m'maphunziro awiri apitawa kuti muwonjezere michere yofunika pagawo lililonse la kukula (mwachitsanzo, onjezerani ma peel a nthochi 1-2 kuti muwonjezere potaziyamu kapena zigoba za mazira zouma 1-2. kuwonjezera Kasiyamu).

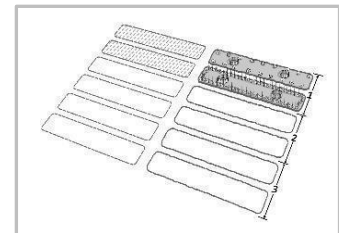


- Zomwe **ZITHUNZI** Chithunzi chikuwonetsa Gawo #4?

Khwerero 5 - Bzalani 1/3 ya dimba ndi masamba okhwima oyambilira

Gawani munda wanu m'magawo atatu. Ikani pambali gawo loyamba la ndiwo zamasamba zimene mungakolole m'miyezi iwiri kapena inayi, monga soya, tomato, radish, mpiru, nandolo, chimanga chotsekemera, tsabola wotsekemera, nyemba zouma, ndi kaloti. Osabzala gawo lonse; sungani theka la gawolo kuti mubzale mobwerezabwereza.

- Ndi zitsanzo ziti za masamba okhwima oyambilira m'derali?

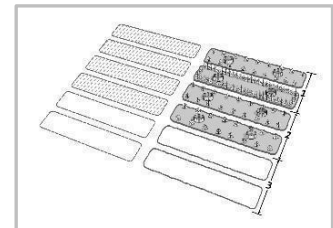


- Zomwe **ZITHUNZI** Chithunzi chikuwonetsa Gawo #5?

Khwerero 6 - Bzalani 1/3 yotsatira ndi masamba apakati pazaka

Patulani gawo lachiwiri la ndiwo zamasamba zomwe zimatha kukolola m'miyezi isanu ndi umodzi kapena isanu ndi inayi (gwiritsani ntchito nyumba za hoop pakafunika). Izi ndi monga nyemba zamapiko, mphonda, biringanya, therere, sikwashi, adyo, anyezi, nkhaka, ndi ginger. Monga m'gawo loyamba, bzalani theka la gawoli ndikusunga theka lotalalo kuti mubzale mobwerezabwereza.

- Ndi zitsanzo ziti za masamba apakati pa chaka m'derali?

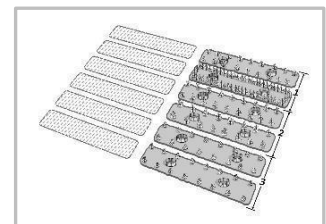


- Zomwe **ZITHUNZI** Chithunzi chikuwonetsa Gawo #6?

Khwerero 7 - Bzalani komaliza 1/3 ndi masamba apachaka

Ikani pambali gawo lomaliza kuti mubzale masamba a chaka chonse monga nyemba za lima, mbatata, chinangwa, ndi nandolo. Monga mgawo loyamba ndi lachiwiri, bzalani theka lokha la gawoli ndikusunga theka lotalalo kuti mubzale mobwerezabwereza.

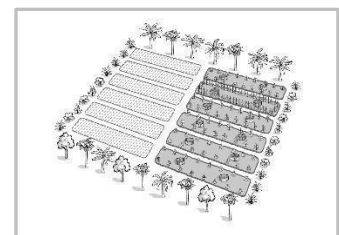
- Ndi zitsanzo ziti za ndiwo zamasamba chaka chonse kapena pachaka m'derali?



- Zomwe **ZITHUNZI** Chithunzi chikuwonetsa Gawo #7?

Khwerero 8 - Bzalani malo ozungulira dimbalo ndi mbewu zokhazikika

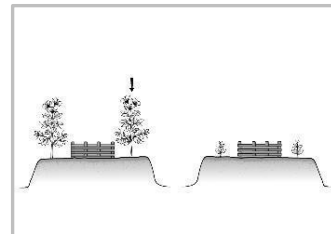
Bzalani malo ozungulira dimba lanu ndi zomera zokhazikika kapena zosakhalitsa monga mapapaya, chinanazi, nzimbe, nyemba zam'madzi, nthochi, zipatso za citrus, ndi mitengo yaifupi yazipatso. Ikani zomera zazitali monga mitengo ya citrus ndi nthochi kumpoto ndi kumwera ndi zomera zazifupi monga chinanazi ndi mandimu kummawa ndi kumadzulo kwa dimba.



- Zomwe **CHITHUNZI** Chithunzi chikuwonetsa Gawo #8?

Khwerero 9 - Bzalani gawo losungidwa panthawi yake

Bzalaninso mwachangu magawo osungidwa a Munda Wanu Wakudya Wachaka Chonse. Izi zithandizanso kuonetsetsa kuti m'nyumba mwanu muzipeza masamba atsopano. Pachaka (chaka) gawo la ndiwo zamasamba m'munda mwanu, bzalani gawo losungidwalo pamene mbewu zoyamba mu theka lina zabadwa pafupifupi miyezi isanu. Mu gawo la masamba apakati pa chaka, bzalani gawo losungidwa pamene mbewu zoyamba zatha pafupifupi miyezi inayi. M'gawo la ndiwo zamasamba zoyamba kukhwima, bzalani gawo losungidwa pamene mbewu zoyamba ziyamba kuphuka.



- Zomwe **ZITHUNZI** Chithunzi chikuwonetsa Gawo #9?

Khwerero 10 - Yesani kasinthesintha wa mbewu

Mukabzalanso, yesani kasinthesintha wa mbeu. Izi zikutanthauza kuti mumabzala nyemba m'minda momwe masamba ena (monga tomato, biringanya, ndi therere) adabzalidwa kale ndipo mosemphanitsa. Kasinthesintha wa mbeu kumathandiza kupewa kufala kwa tizirombo ndi matenda komanso kumapangitsa kuti nthaka ya m'munda mwanu ikhale chonde.

- Palibe chithunzi cha sitepe iyi.

Malangizo Otsogolera: Unikaninso masitepe 10 monga gulu.

Ubwino wa Minda Yakudya Yachaka Chonse

Alimi ambiri amagwiritsa ntchito malo awo onse kubzala mbewu kuti agulitse kuti apeze zofunika pamoyo. Izi zimapangitsa alimi kukhala ndi zakudya zochepa zopatsa mabanja awo.

Nkhani yoona imeneyi m'dera lina ikusonyeza zimene zingachitike mlimi akagwiritsa ntchito njirazi.

Munda wa Nzimbe

Ku Asia kunali mudzi wa alimi a nzimbe. Iwo ankakubzala mbewu imodziyi chaka chilichonse. Zokolola zikatha, mabanja awo ankakhala ndi ndalama kwa miyezi ingapo. Panyengo yobzala, ankabzala nzimbe zatsopano kenako n'kuzisiya kuti zikule. Anthu a m'derali ankati nthawi imeneyi ndi 'nthawi yakufa' chifukwa pa nthawiyo ntchito ya m'minda inali yochepa kwambiri moti inkangofunika kupalira komanso kusamalira nthaka. Iwo amachitchanso 'nyengo yanjala'; chifukwa ndalama zokolola zinatha panthawiyi, ndipo anthu analibe ndalama zogulira. Mabanja nthawi zambiri ankabwereka ngongole pofuna kuonetsetsa kuti patebulo pamakhala chakudya kamodzi patsiku.

Mira ndi Yosefe ankaopa nyengo yakufa. Ndalama zomwe amapeza nthawi zambiri zinali zosakwanira pa zosowa za banja lawo lomwe lili ndi ana asanu ndi mmodzi ndipo kulipira sukulu kudali vuto lanthawi zonse. Ana pafupifupi nthawi zonse ankadwala m'nyengo yakufa, ndipo nthawi zonse ankadandaula kuti ali ndi njala.

Chaka china Mira ndi Joseph analowa m'gulu la alimi lomwe linkawaphunzitsa za All-year Food Gardens. Gulu la alimi lidapeza malo ena amudzi momwe angapangire dimba lophatikizana. Mabanja—kuphatikizapo amuna, akazi, ndi ana—onse anagwirira ntchito limodzi kukonza malo, kupanga madengu a chakudya cha nyongolotsi, mbewu zakubzala, ndi kugwiritsa ntchito feteleza wa organic. M'malo mochita mantha ndi kudandaula kwa anawo, Mira ndi Joseph anapeza kuti akuyembekezera kudzakhalira limodzi monga banja. Ana

ankakonda kuphunzira ndipo ngakhale wamng'ono kwambiri ankakonda kuthandiza kukumba dothi ndi kuwonjezera nyenyiswa mudengu la chakudya cha nyongolotsi.

Posakhalitsa zokolola zawo za ndiwo zamasamba zinachuluka. Mira ndi Yosefe, limodzi ndi mabanja ena amene anachita nawo, anali ndi chakudya chokwanira cha banja lawo lonse m'nyengo yakufayo. Sanathe kudya zonse, kotero Mira anagwirizana ndi ena kumanga khola kutsogolo kwa dimba kuti akagulitse zokololazo. Anthu ambiri m'mudzimo anabwera kudzagula ndiwo zamasamba. Choncho dimbalo silinangopereka chakudya chopatsa thanzi kwa mabanja awo komanso linkawawonjezera ndalama zolipirira sukulu ndi zofunika zina.

Mira ndi Yosefe ankayembekezera tsogolo labwino chifukwa anaphunzira njira zatsopano zopezera banja lawo zofunika pamoyo. Ana awo anali kukula bwino ndipo sankadwala kawirikawiri, ndipo ankathanso kuthandiza anthu ovutika m'dera lawo pogawana nawo.

ZOCHITA ZA MAGULU ANG'ONO

- Ndi maubwino ati omwe mudamva munkhani yokhala ndi dimba lomwe limapereka chakudya chaka chonse?
- Kodi mungaganizire za ubwino wina uliwonse?

NENO LABWINO

Malangizo Otsogolera: *Funsani magulu kuti agawane mayankho awo. Kenako gwiritsani ntchito mndandanda womwe uli m'munsiwu kugawana nawo zabwino zomwe magulu sanachite.*

Pali zabwino zambiri zokhala ndi munda yapanyumba ndi yamagulu yomwe imatulutsa chakudya chaka chonse:

1. KUDYA CHIPATSO NDI MASIYANA TSIKU LILI LONSE

Zipatso ndi ndiwo zamasamba ndizofunikira pazakudya zathu zatsiku ndi tsiku. Olemera mu mavitamini ndi mchere, amatha kupereka zakudya zambiri zomwe zimafunikira matupi athu.

2. NJIRA YOPEZA NDI YOCHULUKA YOPEREKA CHAKUDYA CHATSOPANO KWA BANJA LANU

Minda imeneyi ingachepetse ndalama zogulira banja chakudya chatsiku ndi tsiku pamene ikupereka chakudya chopatsa thanzi kwa mabanja.

3. MITUNDU YOCHOKERA KUNYUMBA NDI M'DINDA ZA ANTHU NDI ABWINO NDI KWAMBIRI

Zamasamba za m'munda mwanu ndi zabwino kuposa zogulitsidwa m'misika, zomwe zaipitsidwa ndi fumbi, tizilombo, ndi kasamalidwe ka anthu. Ngati mulima masamba anu, mumadziwanso bwino zomwe mankhwala ali nazo kapena sanagwiritsidwe ntchito polima.

4. KUPANGA UBALE WABWINO

Aliyense atha kuthandizira kusamalira Dimba la Chakudya cha Chaka Chonse. Ngakhale ana ang'onoang'ono angathandize. Angathandize pa ntchito za tsiku ndi tsiku, zomwe zingawathandize kuphunzira udindo ndi njira zodziyamalira. Kulima m'nyumba kungapangitse banja ndi anthu kukhala paubwenzi. Kugwirira ntchito limodzi kumathandiza kulimitsa ubale.

5. PHINDU LINA LA KUKHALA NDI MUNDA WA CHAKUDYA CHAKA CHONSE

Kukhala ndi mitundu yosiyanasiyana ya zomera kuzungulira nyumba kapena dera lanu kungathandize kuthana ndi tizirombo ndi matenda. Minda imeneyi ingathandizenso maonekedwe a nthaka yanu. Malo okhala ndi masamba obiriwira amakhala osangalatsa kuyang'ana.

Munda wa Chakudya Chachaka Chonse udzatulutsa zipatso ndi ndiwo zamasamba zosalekeza za banja lanu tsiku lililonse. Iyi si njira yokhayo yochitira banja kapena dimba la anthu ammudzi. Ndi njira imodzi yopangira dimba lapakhomo lomwe lingapereke chakudya chokwanira ndi ndalama zochepa, ogwira ntchito, komanso kugwiritsa ntchito nthaka. Amapangidwa kuti azigwiritsidwa ntchito ngati kalozera, ndipo mutha kupeza njira zina zokongoletsera dimba lanu zomwe mutha kugawana ndi ena.

Kugwiritsa ntchito

KUKAMBIRANA KWA GULU LALIKULU

- Kodi pali aliyense wa inu amene adamvapo za Munda wa Chakudya cha Chaka Chonse lero lisanafike? Kodi mumagwiritsa ntchito dimba ngati ili kunyumba?
- Ndi malingaliro ati ochokera ku All-Year Food Garden omwe mukufuna kuyesa kunyumba?
- Kodi tchalitchi chanu chili ndi dimba? Kodi mukuganiza kuti dimba la Chakudya la Chaka Chonse lingakhale pulojekiti yabwino kuti tchalitchi chichite?
- Ndi malo ati omwe angagwiritsidwe ntchito ngati dimba la tchalitchi?
- Kodi munda umenewu ukanathandiza bwanji kusonyeza chikondi cha Mulungu kwa anthu a m'dera lathu?
- Kodi mpingo ungagwiritse ntchito bwanji ndalama zowonjezera pogulitsa zokolola kuti zilemekeze Mulungu?
- Kodi mukufuna kupanga dongosolo lopanga Dimba la Chakudya la Chaka Chonse m'dera lanu kapena mdera lanu?

ZOCHITA ZA GULU LAKULU

Malangizo Otsogolera: Kutengera nthawi ndi malo, mutha kugwirira ntchito limodzi kupanga madengu a chakudya cha nyongolotsi pogwiritsa ntchito malangizo omwe ali pansipa. Sonkhanitsani zinthu izi patsogolo:

- 7-8 timitengo pafupifupi 30 cm
- Kuluka zinthu ngati nsungwi kapena zofewa zakumaloko zomwe ndi zachilengedwe koma zosawonongeka mosavuta.

Atengereni ophunzira panja ndikukumba dzenje lakuya masentimita 20 ndi m'lifupi masentimita 25 (kapena dzenje laling'ono lofananako). Bzalani timitengo mozungulira m'mphepete mwa dzenje-pafupifupi timitengo 8. Lukirani nsungwi kapena masamba mkati mwa timitengo kuti mupange dengo. Lolani ophunzira kutenga nawo mbali ndipo, akatha nkhomaliro kapena chakudya chamadzulo, ikani zotsalira zonse za chakudya mudengo.

Phunziro 8: Kuletsa Tizilombo

Mfundo Zazikulu

1. Pali njira zachilengedwe zochotsera tizirombo ndi matenda omwe amawopseza thanzi la mbewu zanu.
2. Mulungu wapereka kale zomera ndi nyama zambiri m'dera lanu zomwe zingatse kuchotsa tizilombo tosafunikira.

Zipangizo

1. Zothandizira Zowoneka:
 - a. Zomera Zomwe Zimathamangitsa Tizilombo Mwachibadwa Makhadi (seti imodzi pagulu, dulani mizere 11)
 - b. Nyuma ya Mileme (kope limodzi)
 - c. Kangaude (kope limodzi)
 - d. Makhadi opindulitsa ndi owononga tizilombo (seti imodzi pagulu, dulani makadi 24)
 - e. Makhadi Owonongeka Masamba (seti imodzi pagulu)
 - f. Nyumba ya Hoop (kope limodzi)
 - g. Chotchinga Papepala (kope limodzi)
 - h. Makhadi Opanda Poizoni, Opangira Panyumba (seti imodzi pagulu, dulani mizere 9, kuphatikiza imodzi yosadulidwa kuti muchoke ndi tchalitchi)
2. Upangiri Wosasankha wa Ophunzira:
 - a. Disaini ya nyumba ya mileme
 - b. Nyumba
 - c. Nyumba ya Mitengo
 - d. Zopanda Poizoni, Zopopera Zapakhomo

Kuteteza Ku Tizirombo ndi Matenda

KUKAMBIRANA KWA MAGULU ANG'ONO

- Lembani mndandanda wa tizilombo ndi tizilombo tomwe muli nazo pa nthaka yanu.
- Sankhani zomwe zili zovulaza komanso zothandiza.
- Kodi pali zina zomwe nthawi zina zimakhala zovulaza komanso zothandiza nthawi zina?

NENO LABWINO – *Funsani magulu kuti agawane mindandanda yawo ya ziweto zothandiza komanso zovulaza ndi nsikidzi. Zilembeni pa bolodi.*

Pali mitundu iwiri ya tizilombo m'minda yathu:

- a. Tizilombo timene timadya tizilombo timatchedwa 'Opindula'. Iwo ndi othandiza. Amathandizira kuteteza zomera zathu.
- b. Tizilombo timene timadya zomera timatchedwa 'Tizirombo'. Sizithandiza ndipo zingawononge mbewu zathu.

Mulungu analenga zinthu zonse ndi cholinga. Ngakhale nyama ndi tizilombo zomwe zili pamndandanda wathu “zowopsa” zili ndi cholinga chabwino. Koma ngakhale zomera zabwino, nyama, ndi tizilombo tina zimene Mulungu analenga zikhoza kukhala tizilombo towononga m'minda ndi m'minda yathu ngati zingawononge zomera ndi mbewu zathu. Kumbukirani, Mulungu amatipatsa ntchito yoyang'anira ndi kulamulira chilengedwe chake. Kuti tizisamalira bwino chilengedwe, tiyenera kuzindikira tizilombo toyambitsa matenda ndi kuphunzira kudziteteza.

KUKAMBIRANA KWA GULU LALIKULU

Tizilombo ndi tizilombo sizinthu zokha zomwe zingawononge mbewu zanu.

- Ndi chiyani chinanso chomwe mungaganizire chomwe chingabweretse mavuto kwa mbewu zanu?
 - *Ophunzira akhoza kutchula ng'ombe, akalulu, mbalame, makoswe, mbewa (chinyama chilichonse chomwe chingadye zomera chikhoza kuwononga mbewu)*
 - *Amatchulanso zinthu monga nkhungu kapena nkhungu.*

Titha kugawa zinthu zambiri zomwe zingawononge thanzi la mbewu zathu kukhala tizirombo ndi matenda.

1. Tizirombo ndi cholengedwa chilichonse chamoyo chomwe chimawononga zomera zathu, kuphatikizapo mbalame, nyama, ndi tizilombo.
2. Matenda amayamba ndi bowa, mabakiteriya, ndi ma virus.

Kambiranani:

- Kodi anthu amateteza bwanji tizirombo ndi matenda m'zomera m'dera lanu?
- Kodi njirazi zimagwira ntchito bwino?
- Kodi mumapopera mankhwala? Chifukwa chiyani?
- Kodi mukuganiza kuti chimachitika ndi chiyani kwa tizilombo tothandiza tikamapopera mankhwala pamitengo yathu?

Tizirombo tingawononge mbewu zathu. Ndivuto lalikulu, koma tikamagwiritsa ntchito mankhwala kupha tizirombo, timaphanso tizilombo tothandiza komanso tizilombo toyambitsa matenda.

Mankhwala opopera mankhwala si njira yokhayo kapena njira yabwino kuthana ndi tizirombo. Mu phunziro lonseli, tiwona njira zitatu zotetezera mbewu zathu ku tizirombo ndi matenda:

1. Kupewa – kuwalepheretsa kubwera kumunda wanu
2. Kukopa Zopindulitsa Zambiri – tizilombo tothandiza, nyama, ndi tizilombo tating'onoting'ono
3. Sinthani kapena kuwongolera

Kupewa

KUKAMBIRANA KWA GULU LALIKULU

Njira yosavuta yoletsera kuwonongeka kwa tizilombo ndi matenda m'munda mwanu ndikulepheretsa kubwera koyamba. Izi zimatchedwa kupewa. Munda wathanzi ndiye chitetezo chabwino kwambiri.

Kuyeretsa mano ndi chitsanzo chofananacho.

- N'chifukwa chiyani kuyeretsa mano kuli kofunika? Zimalepheretsa kuwonongeka kwa mano athu
- Kodi chingachitike ndi chiyani ngati simukuyeretsa mano? Mano amawonongeka, kuwola, amatha kufa kapena kugwa.
- Kodi mukuona kuipa komwe kumachitika posatsuka mano patatha tsiku limodzi? Sabata imodzi? Mwezi umodzi? Chaka chimodzi? Osati kwakanthawi kochepa, koma pakapita nthawi mumawona zovulaza zomwe zimachitika.

Izi ndi zofanana ndi zaulimi. Ngati tisunga famu yathu yaukhondo ndi yathanzi, imateteza tizirombo kuwononga mbewu zathu.

Taphunzira kale zinthu zambiri zimene tingachite kuti tikhale ndi dimba laukhondo ndiponso lathanzi. Kodi mukukumbukira aliyense wa iwo?

- Kodi tingatani kuti timange famu ndi dimba zathanzi?

Malangizo Otsogolera: Ngati ena mwa mayankho awa satchulidwa, akumbutseni ophunzirawo. Kenako fotokozani mmene njira zimenezi zomangira nthaka yabwino zimathandizire kupewa tizirombo ndi matenda.

- **Mangani dothi lathanzi, lachilengedwe.** Njira zopangira manyowa achilengedwe monga madengu a chakudya cha nyongolotsi, mulching, ndi kuphimba dothi lanu ndi kompositi kapena feteleza wachilengedwe ndiyo njira yabwino yopangira mbewu zolimba, zathanzi zomwe zimalimbana ndi matenda.
- **Bzalani mbewu zosiyanasiyana.** Tizilombo toyambitsa matenda nthawi zambiri timabzala mwachindunji. Zozala zikasakanizidwa, tizirombo sitingathe kufalikira mbewu yonse. Dera limodzi likakhala ndi mitundu yambiri ya zomera ndi zamoyo, limakopa mitundu yosiyanasiyana ya tizilombo. Tizilombo tabwino timawononga tizilombo toyipa.
- **Sinthani mbewu chaka chilichonse** kupewa kuwononganso tizirombo. Pozungulira mbewu, mudza:
 - Kusokoneza moyo wa tizirombo
 - Chotsani zakudya zawo
 - Asokonezeni chifukwa malo awo akhudzidwa

Palinso zinthu zina zomwe tingachite kuti munda yathu ikhale yaukhondo komanso yathanzi:

- **Gwiritsani ntchito mulch wa m'nyanja kapena kupopera mbewu mankhwalawa** (ngati muli ndi mwayi). Pamodzi ndi phindu lomwe takambirana m'phunziro 5, udzu wa m'nyanja umachotsanso ma slugs.
- **Chotsani zomera zilizonse zofooka.** Mwina ali ndi kachilombo kale. Akasiyidwa pansi, amakopa tizirombo. Kokani chomeracho ndikuchitaya kutali ndi munda.
- **Chepetsani zinyalala zosalamulirika kuzungulira munda.** Chotsani munda wa zinyalala ndi udzu, zomwe ndi malo oberekera tizilombo. Gwiritsani ntchito mulch woyera.
- **Sungani masamba owuma.** Thirani madzi m'mawa kwambiri kuti masamba azikhala ouma masana ambiri. Masamba onyowa amalimbikitsa kuwonongeka kwa tizilombo ndi mafangasi ku zomera zanu. Taganiziraniwosavuta kukapanda kuleka - ulimi wothirapopereka madzi kumizu popanda kunyowetsa masamba (mwachitsanzo, zidebe zamphamvu yokoka kapena akasinja amadzi omwe amamangiridwa pamapaipi okhala ndi mabowo).
- **Phatikizani tizilombo.** Ngati mwakhala mukugwira ntchito ndi zomera zomwe zakhudzidwa, yeretsani zida zanu musanapitirire kumalo ena am'munda. Izi zidzakuthandizani kuti musafalitse matenda ku zomera zina komanso kunyamula tizirombo kupita ku mbewu zanu zathanzi.

KUKAMBIKIRANA KWA MAGULU ANG'ONO

- Ndi ntchito ziti mwa izi zomwe mumachita kale?
- Ndi mfundo ziti mwa izi zomwe ndi zatsopano kwa inu?
- Ndi lingaliro limodzi liti lomwe mukufuna kuyesa pazomera zanu?

NENO LABWINO

Zomera Zothamangitsa Tizilombo

ZOCHITA ZA GULU ANG'ONO - Magulu a 4-5

Mulungu watipatsa kale njira zachibadwa zochotsera tizilombo towononga. Izi nthawi zambiri zimapezeka kwaulere m'dera lathu, kapena tikhoza kuzikulitsa ndikugawana ndi ena.



- Ndi zomera ziti zomwe mumagwiritsa ntchito kale pothamangitsa tizilombo mdera lanu?

Gwiritsani ntchito gulu limodzi la **ZITHUNZI: Makhadi Amene Amathamangitsa Tizilombo Mwachibadwamu** gulu lirilonse.

Aliyense pagulu asankhe khadi imodzi. Yang'anani chomeracho ndipo ganizirani ngati muli ndi chomerachi m'dera lanu kapena kwinakwake m'dera lanu. Yang'anani tizirombo tomwe mbewuyo imathamangitsa mwachilengedwe. Sankhani ngati mwawonapo tizilombo toyambitsa matenda m'dziko lanu. Ganizirani za kubzala zina mwa zomera zomwe zimathamangitsa tizirombo zomwe mwaziwona m'munda mwanu. Onani ngati pali wina m'gulumo amene ali ndi zina mwa zomerazi kuti azigawane ndi ena.

Mwachitsanzo:

- Kutengera ndi chithunzi chomwe chili patsambali, kodi muli ndi marigold mdera lanu kapena m'dera lanu?
- Kodi muli ndi udzudzu ndi nsabwe za m'masamba?
- Kodi pali aliyense m'gulu lanu yemwe ali ndi mbewu za marigold zomwe angagawane ndi ena?

Chomera	Kuthamangitsa
Duwa la Mkopa Ntchetché	Udzudzu, nsabwe za m'masamba
	

NENO LABWINO – Funsani gulu lirilonse kuti ligawane zomera zomwe amazizindikira mdera lawo zomwe zimathamangitsa tizirombo.

Kokerani Nyama Zopindulitsa ndi Tizilombo

KUKAMBIRANA KWA GULU LALIKULU

Kumayambiriro kwa phunziroli tinafunsa kuti, 'Kodi ndi nyama kapena tizilombo titi pafamu yanu zomwe zili zothandiza kapena zopindulitsa?' Zopindulitsa izi zimatithandiza pochotsa tizirombo ndi mphutsi (ana). Tsopano tiwona momwe tingakokere Zopindulitsa ziwiri zenizeni: mileme ndi tizilombo todaya tizilombo tina. Titha kuwakokera mwadala kumafamu athu kuti athe kuchita bwino ndikugwira ntchito yodyera tizirombo towononga. Opindula ndi antchito aulere pafamu yanu omwe amakuthandizani.

Kuti muwakope muyenera kupereka zinthu zitatu:

1. Chakudya
2. Pogona
3. Madzi

Mileme Yokopa:

- Mileme ndi mlenje wamkulu wa udzudzu ndi tizilombo tambiri towononga. Mileme uliwonse nthawi zambiri umadya tizilombo tambirimbiri usiku uliwonse.
- Mileme imafunikira malo okhala pafupi ndi magwero a madzi ndi chakudya (maluwa ophuka usiku monga datura, moonflower, 4 koloko, yucca, evening primrose, night-blooming water lily, night-blooming jessamine, cleome, ndi nicotiana.)

Tili ndi pulani yomwe ingakuthandizeni kumanga nyumba yoyambira ya mileme. Onetsani **ZITHUNZI:**

Disaini ya Nyumba ya Mileme

Kukopa Tizilombo Zabwino:

- Monga tanenera kale, pali tizilombo tothandiza komanso tizirombo. The opindula adzadya tizirombo todaya mbewu zanu. Chifukwa chake, mukufuna kukopa Opindula powapatsa chakudya, pogona ndi madzi.
- Bzalani maluwa amitundumitundu. Opindula amafunikira chakudya kuti akhale ndi moyo ndi kuberekana. Kukhala ndi maluwa ena mkati kapena pafupi ndi dimba lanu kumakupatsani chakudya chamtundu wa timadzi tokoma ndi mungu. Maluwa otsatirawa amakopa Opindula:
 - 1) Zomera zosiyanasiyana zomwe zili mu gulu la maluwa.
 - 2) Zomera m'banja la karoti, monga cilantro, katsabola, fennel, parsley, ndi karoti wakuthengo.
 - 3) Alyssum ndi mamembala ena a banja la mpiru
 - 4) Maluwa onunkhulitsa
 - 5) Tiligu.
- Mangani mahotela a tizilombo. Onetsani **ZITHUNZI: Nyumba ya Zooluka** Mungagwiritse ntchito zinthu zimene muli nazo kale, monga matabwa, mapaleti, nyuzipepala, udzu, mabotolo apulasitiki, nsungwi, mapaipi, malata (kapena zinthu zina zofolera) komanso matabwa ovunda kuti mukhale malo okongola okhalamo. Ndikofunika kupereka denga ndi makoma kuti mvula ikatha, madzi asalowe mu hotelo ya tizilombo ndikupangitsa kuti ikhale yovuta. Tizilombo tambiri timakonda kunyowa pang'ono, koma osati monyowa. Mbali imodzi ya kamangidweyo iyenera kukhala yotseguka ndipo mkati mwake ikhale yodzaza ndi zinthu zosiyanasiyana zomwe zafotokozedwa m'kabukuko. Mahotela a tizilombo amachita bwino kwambiri pamalo otetezedwa kutali ndi mphepo yambiri. Yesani kupanga limodzi limodzi pogwiritsa ntchito zolembazo.

Malangizo Otsogolera: Ngati pali nthawi, auzeni ophunzira kuti agwire ntchito limodzi kuti amange hotelo ya tizilombo pogwiritsa ntchito zida zomwe mumapeza pozungulira malowo ndikutsatira malangizo omwe ali patsambalo.

ZOCHITA ZA MAGLULU ANG'ONO

Gwiritsani ntchito **ZITHUNZI: Makhadi opindulitsa ndi owononga**. Pita pamakhadiwo ndikusankha ngati mukuganiza kuti kachilomboka ndi kopindulitsa (kothandiza) m'munda kapena ku tizilombo (zovulaza). Pangani milu iwiri-mulu umodzi wa Zopindulitsa zothandiza ndi mulu wina wa Zowononga Zowononga.

Mwachitsanzo:

- Kodi njenjete za Kabichi ndi tizilombo tothandiza kapena zovulaza?
- Kodi Nyerere ndi tizilombo tothandiza kapena zovulaza?

Zilombo za mu kabichi



Nyerere



Malangizo Otsogolera: Magulu onse akapanga milu iwiri, afunseni kuti awerenge kuchuluka kwa ma Phindu awo. Payenera kukhala 12 Zopindulitsa ndi 12 Zowononga. Njira yodziwira pakati pa ziwirizi ndi mawonekedwe ozungulira tizilombo. Zopindulitsa zili mkati mwa rectangle ndipo tizirombo tili mkati mwa bwalo. Kenako funsani magulu kuti ayang'ane milu yonseyo ndikupeza Zopindulitsa zomwe ali nazo m'dera lawo ndi tizilombo toononga zomwe ali nazo m'dera lawo.

Zowononga (zovulaza) Tizilombo

Njenjete za kabichi	Mphusi za kabichi
Mphusi	Kafadala
Chiswe	Nyongolosi
Wathyathya	Nyanga ya phwetekere
Kamzimbiri	Chikumbu cha nyemba
Nkhono	Ntchentche zoyera ndi Nsabwe

Zopindulitsa (kothandiza) Tizilombo

Nyerere	Njuchi
Nkhululu	Napherupheru
Ladebagi	Mavu Nkhomola
Namkalizi	kafadala wokwawa
chiswamphika	kangaude
Ntombolombo	kafadala wamngono

Sinthani & Kuwongolera Tizirombo



ZOCHITA ZA MAGLULU ANG'ONO

Gwiritsani ntchito **ZITHUNZI** makadi: **Kuwonongeka kwa Masamba**. Ikani makhadi onse pansi ndikuyang'ana zithunzi za kuwonongeka kwa masamba pa khadi lililonse. Mmodzi pa nthawi, lozani khadi ngati iwo awona mtundu wotere wa kuwonongeka kwa masamba. Kenako yang'anani tizilombo tomwe timayambitsa vutoli. Sungani makhadi omwe anthu pagulu adalozera pazochitika zomaliza.

Malangizo Otsogolera: Ngati pali nthawi, mutha kuchita izi ngati masewera popinda khadi lililonse pakati ndikuyika kuti masamba awonongeka okha. Auzeni ophunzira kuti aganizire mtundu wa tizilombo tomwe timayambitsa chiwonongekocho asanawulule yankho.

Tiyeni tichite chitsanzo:

- Kodi mwawonapo kuwonongeka kwamtunduwu pamasamba ena a mbewu zanu?
- Mukuganiza kuti ndi tizilombo chiti chomwe chayambitsa vutoli?

Kuwonongeka	Tizilombo
Masamba otafunidwa kapena opangidwa ndi mafupa 	Zikumbu, mbozi, ndi machekeka ntchentche 

KUKAMBIKANA KWA GULU LALIKULU

Mukasunga dimba lathanzi, tizirombo ndi matenda mudzakhala ochepa. Koma nthawi zonse padzakhala tizirombo tomwe mungafunikire kuwongolera ndikuwongolera. Nazi njira zitatu zochitira izi:

Misampha:

- Kodi mumadziwa kuti nsikidzi zimakhudgidwa ndi mtundu? Nsikidzi zina zimakopeka ndi mitundu ina.

Kuti mupange msampha, pentani mtundu uliwonse wamtundu womwe uli pansipa, kenaka tsukani chinthu chomata ngati mafuta amgalimoto ogwiritsidwa ntchito kale kapena mafuta ophikira kuti mutchere nsikidzi zomwe zimawulukira.

Mitundu iyi imakopa nsikidzi zina zomwe sitikufuna:

- **Chikasdu**amakopa ntchentche zoyera, ntchentche za zipatso, mamba a mapiko aamuna, a ntchentche za bowa, ntchentche, ma mealybugs aamuna, olima masamba, thrips, psyllids, ndi mapikonsabwe za m'amasamba.
- **Choyera**amako kera ntchentche zoyera, nsikidzi, nkhaa kafadala, ndi kafadala.
- **Bulu wowala** amakopa thrips maluwa.

- **Magawo ofiirakukopa ntchentche zomwe mazira awo amaswa kukhala mphutsi za maapulo.**

Zolepheretsa:

- Phimbani munda wanu ndi ukonde woteteza udzudzu kapena ukonde wapamunda ngati ukupezeka mdera lanu. Izi zidzateteza mbalame ndi tizilombo tokulirapo.
- Onetsani **ZITHUNZI: Nyumba ya mitengo** Nyumba ya Hoop ili ngati kanyumba kakang'ono ka greenhouses ka mbeu zanu ndi zomera zazing'ono. Nthawi zambiri amagwiritsidwa ntchito kuteteza zomera zanu ku nyengo yozizira kapena mphepo. Zimagwiranso ntchito ngati chotchinga ku tizirombo. Mukapanga chimango chophweka, chiphimbe ndi pulasitiki yomveka bwino.
- Onetsani **ZOTHANDIZA ZONSE: Pepala yotchingila**. Mphutsi za njenjete za kabichi zimapha zipsera zazing'ono za broccoli, kabichi, mphukira za Brussels, kale, ndi kolifulawa. Kuti muwawongolere, gwiritsani ntchito zidutswa za makatoni opaka phula kuchokera m'makatoni amkaka. Dulani makatoni opaka phula mu mabwalo 5 cm ndikudula mbali imodzi pakati; pangani njira ina yaying'ono yodutsa. Tsegulani kagawo kakang'ono ndipo lowetsani mbali zonse ziwiri kuti mbande ikhale pakati. Izi zimalepheretsa njenjete ya kabichi kuikira mazira m'munsi mwazomera. Siyani m'malo-momwe mbewuyo ikukula imangokankhira kagawo kakang'ono kwambiri. Onetsetsani kuti mugwiritse ntchito mwamsanga mphukira ikawonekera, kapena njenjete idzakugundani!



Utsi:

- Kupopera ndi njira yomaliza.
- M'malo mopopera mbewu m'munda wonse, yesani kupopera tizilombo towononga zomera zanu.
- Pali zopopera zachilengedwe zomwe mungapange nokha. Tidzawona izi motsatira.



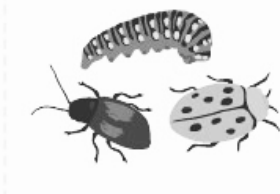
ZOCHITA ZA MAGLULU ANG'ONO

Gwiritsani ntchito **ZITHUNZI** makadi: Zipangizo zopangila nyumba zopanda Poisoni za ntchito yosanja iyi.

1. Ikani makhadi onse atsopano pansi kapena tebulo.
2. Chotsani makhadi a Kuwonongeka kwa Masamba kuchokera muzochita zomaliza ndikuwona ngati mungapeze tizirombo zomwezo pamakhadi atsopano.
3. Mukapeza tizilombo ting'onoting'ono, werengani zosakaniza zomwe zagwiritsidwa ntchito kupha tizilombo.
4. Kambiranani ngati mukuganiza kuti kusakaniza ndikosavuta kupanga ndikugwiritsa ntchito. Ngati ndi choncho, ikani mulu. Ngati kusakaniza kuli kolimba kwambiri kapena mulibe zomwe mukufunikira, ikani mulu wosiyana.

Mwachitsanzo:

- Kwa khadi lomwe linali ndi tsamba lowonongeka kuchokera ku kachilomboka, mbozi ndi ma sawflies, zikuwoneka ngati kusakaniza kwa msuzi wa tsabola wotentha kungathandize kuchotsa tizirombo.

Kuwonongeka	Tizilombo
<p>Masamba otafunidwa kapena opangidwa ndi mafupa</p> 	<p>Zikumbu, mbozi, ndi machekeka ntchentche</p> 
<p>Nthata ndi tizilombo tina</p> 	<p>Sakanizani supuni ziwiri za tsabola wotentha, tsabola wa cayenne kapena ginger ndi squirt wa sopo mu lita imodzi ya madzi. Tiye ni tiyime usiku wonse, kenaka yambitsani ndikutsanulira mu botolo lopopera ndikuyika. Gwirani chidebe pafupipafupi mukamagwiritsa ntchito. Yesani gawo la mbewu ndikuwonjezera madzi ngati awononga masamba.</p>

NENO LABWINO – Funsani magulu kuti agawane zosakaniza zomwe zinali mu mulu wawo zomwe ndi zosavuta kupanga komanso zomwe zingaphe tizirombo tomwe taziwona mdera lawo. Perekani kopi ya **ZITHUNZI: Zopaka Panyumba Zopanda Poizoniku** mpingo ntchito itatha.

Mapeto:

- Ndi njira ziti zachilengedwe zomwe mukuzitetezera kale tizilombo ndi matenda mdera lanu?
- Ndi malingaliro atsopano ati omwe mwaphunzira lero?

Phunziro 9: Famu Yophatikizana

Mfundo Zazikulu

- Mulungu wapereka njira zambiri zomwe tingalimbikitsire minda yathu pogwiritsa ntchito chuma chomwe tili nacho kale. Pamene tikugwiritsa ntchito njirazi zimapangitsa famu kutulutsa zambiri.

Zipangizo

- Visual Aid: Zolembe za Mphatso kapena Zinyalala (chithunzi chimodzi cha zithunzi 7, chodulidwa kukhala makadi)
- Pepala la Tchatu / Zolemba

Mawu Oyamba – Ntchito Zothandizira

ZOCHITA ZA GULU LAKULU

Tiyamba phunziro ili ndi zochitika. Iliyonse ya zikwangwani izi ndi ina yochokera kuzungulira mafamu athu. Pamodzi tilekanitsa zinthu izi m'magulu awiri: Zinyalala (zinyalala zomwe ziyenera kutayidwa) kumanzere kwa chipinda ndi Mphatso (chinthu chomwe Mulungu watipatsa chomwe chili chothandiza) kumanja kwa chipindacho.

Malangizo Otsogolera: Mapepala **ZITHUNZI: Mphatso kapena Zinyalala** zikwangwani zisanu ndi ziwiri kwa anthu pagulu. Funsani munthu m'modzi imodzi kuti ayime ndikuwonetsa gulu chithunzicho. Funsani gulu lomwe likuyenera kulowa - Mphatso kapena zinyalala. Kenako munthuyo ayime pamalopo kuyimira 'mphatso' kapena 'zinyalala'. Malizitsani ntchitoyi ndi kunena kuti:

Kwenikweni, zinthu zonsezi zikanayenera kupita mu gulu la "Mphatso". Chilichonse mwazinthu izi chingagwiritsidwe ntchito kulimbikitsa minda yathu ndikukweza zokolola zathu!

Mulungu adalenga chilichonse. Tikamakhulupirira kuti chilichonse chomwe tili nacho ndi mphatso yochokera kwa Mulungu, timapeza njira zomwe tingazigwiritsire ntchito mwanzero ngati zinthu zothandizira minda yathu. Nthawi zina sitiona zonse zimene watipatsa. Pamene tiyang'ana m'mafamu athu, pangakhale zinthu zimene tinazinyalanyaza zimene ndi mphatso zochokera kwa Mulungu.

Mu phunziro ili, tiwonanso zomwe Mulungu watipatsa ndi momwe tingazigwiritsire ntchito kuti tipititse patsogolo ulimi wathu.

Famu Yophatikizana

KUKAMBIRANA KWA GULU LALIKULU

Tiyambe ndi nkhani kuti tiwone momwe James ndi banja lake akuyendera pambuyo pa maphunziro omwe adaphunzira ...

James ndi bambo ake anagwira ntchito molimbika chaka chino—kuphunzira njira zatsopano zobzala popanda kulima, kupanga timitengo, kupanga feteleza wawo, ndi kuyesa kuwononga tizilombo popanda mankhwalu. Usiku wina, atagwira ntchito molimbika, James analibe mphamvu zodyera chakudya chamadzulo asanagwere pabedi ndikugona ngati wakufa. Panthaŵiyi, amayi ake ndi mlongo wake ankagwira ntchito mwakhama m'khichini, m'dimba lawo latsopano la ndiwo zamasamba, ndi kuweta ng'ombe, nkuku, ndi mbuzi ziwiri za banjalo.

Chimodzi mwazinthu zomwe James adamudetsa nkawa kwambiri tsopano chinali kulekanitsa zonse zapafamupo. Nthawi zambiri ankadzudzula mlongo wakeyo kuti asamale pamene ankaponya phulusa lamoto komanso kuti azikhomera bwino nyama kumbali ina ya nyumbayo. Ndi kangati bambo ake adamufotokozera nkhani ya nthawi yomwe ali mnyamata ndipo ng'ombe idalowa m'munda wa chinangwa ndikudzidya yokha kudwala?! Ndipo, ndithudi, iwo anasunga chimbudzi chonunkhacho kutali ndi chirichonse monga momwe akanathera!

Tsiku lina mphunzitsi wa zaulimi anabwera kudza funsa mmene zonse zinalili popeza anali atafika ku maphunziro ake omaliza. James adamuwonetsa monyadira, kumuza zonse zomwe adakwanitsa. Anachita manyazi atakumana ndi mlongo wake akutuluka kuchimbudzi kuseri kwa nyumbayo.

Pambuyo pake, James, bambo ake, ndi mphunzitsiyo anakhala pamodzi kuti amwe kapu ya tiyi. Wophunzitsayo anati, 'Mwachita bwino kwambiri kuno. Ndikuona kuti Mulungu akudalitsa khama lanu. Koma ndikufuna ndikupatseni lingaliro lina.'

'Ndi chiyani?' James anakhala kutsogolo, mwachidwi. Ngakhale bambo ake ankaoneka kuti ali ndi chidwi.

'Gwirizansani. Osalekanitsa,' anatero mphunzitsiyo. James ndi bambo ake anayang'anizana mozunguzika. Wophunzitsayo adamwa tiyi asanafotokoze kuti, 'Kusiyanitsa kumatanthauza kuti zonse zikhale zosiyana, momwe mukuchitira tsopano. Nyama za kumeneko. Zokolola za kuno. Chimbudzi chapakhomo cha kumeneko. Koma tikaphatikizana, timapeza njira zogwiritsira ntchito zonse zomwe tili nazo pafamupo kuti tipindule mbali zina za famuyo.'

James anapukusa mutu. Iye anamvapo kambirimbiri nkhani ya ng'ombe ya m'mbewu kuti asangalale ndi lingaliro limeneli. Koma atate wake anati, Ukutanthauzani? Kodi tingachite chiyani mosiyana?'

'Chabwino,' anatero mphunzitsiyo, 'Mwachitsanzo, kodi mukudziwa kumene mitengo yazipatso imakonda kumera—kumene imakula mofulumira ndi kubala zipatso zabwino koposa?' Anadikira kwa kanthawi kenako n'kunena kuti, 'M'maenje akale a zimbudzi! Bambo ake a James anayamba kuseka. Wophunzitsayo anapitiriza kuti, 'Ndipo mankhosho ouma a chimanga amene ali m'munda mwanu atha kugwiritsidwa ntchito ngati zoyalapo ziweto zanu. Ndiyeno pakatha milungu ingapo, zofunda zakale (zomwe zili ndi manyowa a zinyama) zitha kugwiritsidwanso ntchito monga manyowa odyetsera nthaka!'

Wophunzitsayo anawauza njira zina zingapo zodabwitsa kuti 'agwirizane, osati kusankhana.' Posakhalitsa, James adayambanso kuseka ndikumwetulira, ndikuganizira momwe Mulungu aliri wabwino ndi wanzero popanga cholinga ngakhale maenje a zimbudzi ndi zotsalira zake zouma. Iye anati, 'Mulungu amaganiziradi chilichonse.'

- Kodi James ndi bambo ake anaphunzira bwanji kugwirizansani famu yawo?
 - *Maenje a m'maenje akuya a chimbudzi amagwiritsidwa ntchito pambuyo pake kubzala mitengo pakatha chaka chimodzi.*
 - *Gwirizani ntchito zotsalira za mbewu ngati zofunda za ziweto ndikuzigwiritsa ntchito ngati manyowa.*
- Ndi mfundo zina ziti zomwe mungagawane ndi James? Ndi njira ziti zomwe mungaphatikizire mbali zosiyanasiyana za famu yano? (*perekani nthawi yogawana*)

Malangizo Otsogolera: Ingogawanani malingaliro omwe sanatchulidwe ndipo ndi ofunikira kwa gulu.

- *Manyowa a ng'ombe ndi mbuzi amatha kupangidwa ndi manyowa ndikugwiritsa ntchito feteleza wachilengedwe.*
- *Gwirizani ntchito phulusa lamatabwa (potashi) ngati feteleza komanso popanga sopo.*

- *Thirani namsongole ndi mulch omwe pambuyo pake amathiridwa munthaka ngati kompositi.*
- *Gwiritsani ntchito makola / zolemba zomwe ziweto zimatha kudya ndikuwononga udzu, kukanda pansa, ndi kuthira manyowa m'minda.*
- *Lolani nkuku kuti ziziyenda m'minda ndi m'malo odzala mbewu. Iwo amadya kwambiri nsikidzi ndi mbozi.*
- *Gwiritsani ntchito zotsalira za mbewu monga mulch, kompositi, kuyatsa, zomangira (zofolera kapena zosakaniza ndi dongo la njerwa), komanso ngati chakudya cha ziweto.*
- *Ikani makola a ziweto zazing'ono (nkuku, akalulu, akalulu) ndi nyumba zakunja pansa pa mitengo ya zipatso kapena pamwamba pa madambo a nsomba. Zinyalala zawo zimapanga chakudya chambiri cha nsomba ndi mitengo!*
- *Gwiritsani ntchito mitengo ya zipatso ndi mtedza ngati mizati ya mpanda, yotchingira mphepo, komanso kupewa kukokoloka.*

Talembapo malingaliro ambiri abwino kuti tiphatikize chilichonse pafamu yathu ndikugwiritsa ntchito zonse zomwe Mulungu watipatsa. Ambiri mwa malingalirowa salipira kalikonse koma amangotenga nthawi yochepa ndikukonzekera. **Tikaphatikizana m'mafamu athu, titha kugwiritsa ntchito chuma chathu chonse mwanzero. Kuphatikiza kumatithandiza kukhala adindo abwino a zinthu zomwe tili nazo.** Iyi ndi njira yowonjezerera zokolola (zakudya za banja, zogulitsa) ndikuchepetsa mtengo (kugula feteleza ndi chakudya cha ziweto) zomwe zikutanthauza kukhala ndi famu yopindulitsa komanso yopambana.

- Kodi kukhala ndi famu yopindulitsa ndi yopambana kungalemekeze bwanji ndi kulemekeza Mulungu?
- Kodi tingachite chiyani ndi kuchuluka komwe tidzakhala nako?

Nthawi zambiri, famu yophatikizika imawonjezera ndalama. Ndi ndalama zambiri timatha kukwaniritsa zosowa za banja lathu, kutumiza ana athu kusukulu komanso kukhala owolowa manja kwa osauka. Kukhala adindo abwino kumalemekezanso Mulungu ndi kusonyeza ubwino wake kwa anansi athu.

Tsopano tiyeni tione mwatsatanetsatane njira zina zophatikizira nyama m'mafamu athu ndi kuona zimene tingaphunzire kwa wina ndi mnzake.

Kuphatikiza Ziweto

Alimi ambiri amaphatikiza kale nyama m'mafamu awo ndipo amadziwa bwino za ubwino wochita zimenezi.

- Ndi angati a inu omwe muli ndi ziweto kale m'mafamu anu? Ndi ati omwe muli nawo?
- Malinga ndi zimene mwakumana nazo, kodi ena mwa ubwino wokhala ndi nyama zimenezi ndi ati?
- Kodi zina mwa zovuta za kukhala ndi nyamazi ndi ziti?
- Ndi nyama ziti zomwe mungafune kuwonjezera pafamu yanu? Nchiyani chimakulepheretsani kuwonjezera nyama izi?

Alimi amadziwa kuti nyama ndi zothandiza pa minda yawo. Koma nthawi zambiri ndalama zogulira ndi kusamalira ziweto zimatha kuwoneka zokwera kwambiri. Pokhala ndi chidziwitso chochuluka komanso ukatswiri womwe ulipo kale, tiyeni tigwiritse ntchito zomwe mwakumana nazo kuti tipeze njira zomwe tingachepetsere ndalama ndikuwonjezera ulimi kuti kugula ndi kusamalira ziweto kutheke.

ZOCHITA ZA GULU LAKULU

Malangizo Otsogolera: *Lembani mndandanda pa bolodi.*

Tiyeni tilembe mndandanda wa mitundu yosiyanasiyana ya ziweto zomwe anthu angafune kukhala nazo pa malo awo.

ZOCHITA ZA MAGLULU ANG'ONO

Malangizo Otsogolera: *Kuchokera pamndandanda wa nyama, gawirani nyama zosiyanasiyana ku gulu lililonse ndikuwafunsa kuti ayankhe mafunso awa:*

- Kodi nyamayi ili ndi chiyani, imachita kapena zokolola zomwe zingakhale zothandiza m'madera ena a famu kapena banja?
- Kodi nyamayi ikufuna chiyani, ndipo pafamupo zinthu zimenezi zingapezeke kuti?
- Ndi zinthu ziti zomwe muli nazo kale pafamu yanu zomwe mungagwiritse ntchito kuti muchepetse mtengo wokhala ndi chiweto pafamu yanu? Mwachitsanzo, mungagwiritse ntchito chiyani kudiyetsa chiweto chanu kapena kumanga khola?

NENO LABWINO: Awuzeni magulu kuti agawane zomwe abwera nazo. M'munsimu muli njira zina zogwiritsira ntchito ziweto pafamu kuti ziwonjezere zokolola ndi kuwonjezera ndalama. Onetsani mfundo izi ngati pakufunika:

- *Feteleza* – Zinyalala za ziweto zimatha kuchulukitsa zokolola chifukwa pafupifupi mtundu uliwonse wa manyowa umapanga feteleza wabwino kwambiri. Manyowa a nyama zolembedwa ndi osavuta kutolera.
- *Ndalama* – Kugulitsa mazira, mkaka, kapena ziweto zomwe. Kukhala ndi magwero osiyanasiyana opezera ndalama ndikothandiza chifukwa ngati wina walephera, simutsala opanda kalikonse.
- *Kudya zoweta* – Ziweto zimapanga zakudya zosiyanasiyana zomwe zimapatsa banja chakudya.
- *Mphamvu yantchito ndi mphamvu* – Kutunga madzi, kunyamula anthu, kukoka ngolo ndi katundu ndi zida zaulimi.

Pali zabwino zambiri zophatikiza ziweto m'mafamu athu, koma nthawi zambiri zopinga ndi zovuta zimatilepheretsa kuziwonjezera. Tikawona njira zochepetsera ndalama ndi kuwonjezera zokolola zathu pogwiritsa ntchito zinthu zimene Mulungu waika kale m'mafamu athu, tikhoza kupeza njira zothetsera mavutowo.

NDI WOTHANDIZA

Tengani mphindi zochepa kugawana ndi munthu amene ali pafupi nanu kuti ndi nyama ziti zomwe mungawonjezere pafamu yanu ngati mungathe komanso zovuta zomwe muyenera kuthana nazo. Pemphereranani wina ndi mzake kuti Mulungu akutsogolereni mayendedwe anu, akupatseni nzeru zothetsera zovutazo ndikupatseni zomwe mukufunikira mu njira yake ndi nthawi yake.

Malangizo Otsogolera: Mutatha kupereka mphindi zingapo zogawana ndi kupemphera, funsani gulu kuti ndi ziweto ziti zomwe angafune kuphunzira kuweta ndipo dziwani ngati pali chidwi ndi chiweto china chake kuti mutha kupereka lingaliri loyambitsa gulu logwirizana nalo mu phunziro lotsatira.

- Ndi nyama ziti zomwe mukufuna kuwonjezera pafamu yanu?

Kuphatikizika kwa Udzu

Tsopano tiyeni tichoke ku zinyama kupita ku udzu! Udzu umawoneka kuti umayambitsa mavuto kwa aliyense, ndipo nthawi zonse timayang'ana njira yothetsera udzu m'minda ndi m'minda yathu. Komabe, monga mmene Mulungu anapangira tizilombo ndi nyama zonse n'cholinga, analenganso chomera chilichonse n'cholinga.

- Kodi mukuganiza kuti n'chifukwa chiyani Mulungu anapanga namsongole?

Malangizo Otsogolera: Pambuyo popereka nthawi ya zokambiranazi (ndipo mwina kuseka!), fotokozani:

Udzu umakhala ndi mizu yolimba komanso yolimba kwambiri. Zomwe zimawapangitsa kukhala ovuta kwambiri m'minda yathu komanso munda yathu zimawapangitsanso kuti azitha kupewa kukokoloka! Udzu wambiri umabwerera kunthaka monga momwe mbewu zina zobwezeretsa nthaka zimachitira. Amapanganso chakudya chabwino cha nyama.

Inde, Mulungu anapanganso namsongole ndi cholinga chabwino. M'malo mong'ung'udza za udzu, tingamuthokoze chifukwa cha makonzedwe ake abwino. Ndipo, monga adindo a chilengedwe, ndi ntchito yathu kuwaletsa kuti asamayende bwino m'minda yathu ndi m'minda yathu kuti mbewu zathu zizikula bwino. Tsoka ilo, palibe njira yosavuta yochotsera udzu. Komabe, pali zinthu zina zomwe tingachite ndi chuma pafamu yathu kuti tiziwongolera.

KUKAMBIRANA KWA GULU LALIKULU

- Kodi ndi njira ziti zomwe alimi a m'dera lanu amawonongera udzu?
- Kodi ubwino ndi zovuta za njira iliyonse ndi ziti?
- Kodi mungaganizire njira zina zogwiritsira ntchito zinthu zomwe zili kale pafamu yathu kuwononga udzu (kuphatikizana)?

Malangizo Otsogolera: Lembani mndandanda pa bolodi, onjezerani chilichonse kuchokera pamndandanda womwe uli pansipa womwe ophunzira samatchula.

Njira zochepetsera udzu:

- **Kudula udzu:** Kudula namsongole kumatha kuchedwetsa kukula kwake ndipo nthawi zambiri namsongole amatha kugwiritsidwa ntchito ngati chakudya cha ziweto zina (akalulu kapena mbuzi).
 - **Kuchotsa udzu m'thupi:** Iyi ndi njira yakale yothandiza yochotsera udzu ndi mizu yake. Nthawi zambiri izi zimachitika ndi khasu lamanja, kapena njira ina yamakina. Izi ndi zothandiza koma nthawi zambiri zingayambitse kukula kwa namsongole, ndizogwira ntchito, koma siziwononga ndalama zambiri.
 - **Mulching (chikuto chapansi):** Kuphimba nthaka kumatha kuchepetsa kukula kwa udzu ndikupangitsa kuti zikhale zovuta kuti zikule. Popanda dzuwa, namsongole ambiri amavutika. Mulch ayenera kuikidwa mbewu ikamera kale ndipo udzu udakali waung'ono. Samalani kuti musapangitse mulch mozama kwambiri kapena kunyowa kwambiri kuti fungo lake likhale loipa komanso lowoneka bwino.
 - **Kuthirira namsongole (Zophimba Zomera Zobiriwira)** Izi zimagwira ntchito bwino ndi mbewu zazitali, monga chimanga. Kubzala nyemba zamasamba pakati pa mizere ya mbewu, kungathe kuchepetsa kwambiri kuwala kwa dzuwa komwe udzu umayenera kukula. Mbeu zimenezi zimatha kukula, zomwe zingachepetse udzu. Ena amaperekanso mbewu zowonjezera. Mbeu zina zimakwera ndipo zimatha kugwetsa ngati sizisamalidwa bwino.
 - **Kugwiritsa ntchito nyama kudya udzu:** Ziweto zingathandize bwino kuthetsa udzu podyera msipu. Ng'ombe, mbuzi, nkhusa ndi nkhumba zidzadya udzu wamitundumitundu. Zimagwira ntchito bwino mukatha kukolola komanso musanabzalenso, komanso/kapena potsekera nyama kudera limodzi lamunda. Nkhuku, abakha, akalulu, ndi nkhumba ziyenera kusungidwa m'makola osunthika. Izi zimafuna khama ndipo zingafunike kupanga zolemba zosunthika kapena mipanda.
 - **Sungani minda ya mbewu:** Pambuyo pakukolola, mbewu za udzu zimayamba kuchuluka. Dulani udzu pochotsa minda ndi njira zomwe zili pamwambazi.
 - **Kusefukira:** (tchulani iyi pokhapokha ophunzira atulutsa) Sitikulimbikitsa njira imeneyi chifukwa imagwiritsa ntchito madzi ambiri, sigwira ntchito ndi mbewu zonse, ndipo imatha kutsuka chakudya m'nthaka.
 - **Kuletsa namsongole ndi mankhwala:** Ichi ndi china chomwe sitikupangira. Mankhwala atha kukhala njira yachangu kwambiri yophera udzu, ndipo nthawi zambiri ndiyo njira yotsika mtengo. Komabe, ali ndi zovuta zambiri. Mankhwala ambiri ndi oopsa! Amasiya zotsalira pa zomera zomwe zimakhala ndi poizoni kwa anthu ndi zinyama ndipo zambiri zimakhala zakupha ngati zikhudzidwa ngakhale ndi anthu. Angathenso kupha zomera zina zathanzi, tizilombo tofunikira kuti tidutse mungu, komanso kuwononga magwero a madzi. Amafunikanso kusungirako mosamala. Mulungu adatipatsa njira zabwino zothanirana ndi udzu kuposa mankhwala!
- Kuchokera pamndandanda womwe tapanga limodzi, pali malingaliro atsopano omwe mungafune kuyesa mtsogolo?

Malangizo Otsogolera: Lolani anthu angapo kuti apereke zitsanzo ndi malingaliro awo pazomwe akuwona kuti zingagwire ntchito bwino m'magawo awo.

Kuletsa udzu ndi ntchito yovuta. Palibe njira imodzi yomwe tingapangire. Njira yabwino ndikuyesa njira zosiyanasiyana ndikupeza zomwe zimagwira ntchito bwino pafamu yanu. Phunzirani kwa ena omwe amalima m'dera lomwe inu muli. Adzakhala ndi mikhalidwe yofananayo ndipo ndi ena mwa anthu abwino kwambiri oti aphunzirepo.

Mapeto

Takambirana njira zophatikizira (osalekanitsa) minda yathu kuti gawo lililonse la famu yathu lipindule mbali zina za famuyo. Taphunzira njira zambiri zokhalira adindo abwino pazachuma zonse pafamu yathu.

- Kodi mwaphunzirapo chiyani paphunziroli lokhudza kugwiritsa ntchito zinthu zonse pafamu?
- Kodi pali chilichonse pafamupo chomwe mukuwona mosiyana pano, ngati chinthu choyenera kuyang'anira bwino kapena kusamaliridwa?
- Kodi pali china chomwe mwaphunzirapo cholinga chatsopano kapena kugwiritsa ntchito?

Tiyeni anthu ochepa agawane malingaliro awo.

Mu phunziro lathu lotsatira, tiyamba kuona zomwe tingachitire limodzi monga alimi kuti tithandizane kupeza njira zothetsera mavuto omwe timakumana nawo. Tikambirananso zambiri za momwe mafamu athu otukuka angalemekezere Mulungu ndi kudalitsa dera lathu.

Phunziro 10: Kugwirira Ntchito Pamodzi

Kulemekeza Mulungu

Mfundo Zazikulu

- Gwirani ntchito limodzi kuti muzindikire mavuto ndikugwiritsa ntchito zomwe tili nazo kuti tithane nazo.
- Gawani ndi ena ndi kupereka ulemmerero kwa Mulungu.

Zipangizo

- Zithunzi: Kuphunzira Makhadi Ambiri (sindikizani ndi kudula makadi 10)
- Pepala la Tchati / Zolemba

Mawu Oyamba

Mugawo lonseli tayang'ana kwambiri pa kuitana kwa Mulungu kuti tiyang'anire zonse zomwe adapanga. Izi zikuphatikiza chilengedwe chonse chozungulira nyumba zathu, matauni athu, komanso malo athu. Takambirananso za nthaka yabwino, zakudya, kuletsa tizilombo towononga komanso kupanga minda yokonzedwa bwino. Tikumvetsa kuti ulimi ndi ntchito yovuta kwambiri! Kunena zoona, kuti ukhale mlimi wabwino uyenera kukhala wodziwa zinthu zambiri monga kachulukidwe ka mbeu ndi kasungidwe, kasamalidwe ka ziweto, kupondereza udzu komanso kasamalidwe kaulimi. Alimi amagwiritsa ntchito maluso ambiri tsiku lililonse kuti apambane. Tikudziwa kuti ichi ndi chiyambi chabe ndipo pali zambiri zomwe tingaphunzire zokhudza ulimi ndi ulimi. Pali mabungwe ambiri abwino omwe ali akatswiri pazaulimi, ndipo tikukulimbikitsani kuti mulumikizane nawo kuti mudziwe zambiri. Mu phunziro ili, tikambirana momwe mungapitirire kuphunzira kwanu! Koma tisanachite zimenezo, tiyeni tione ubwino umene ulimi waphindu ungakhale nawo pamodzi wonse.

KUKAMBIRANA KWA MAGULU ANG'ONO

- Kodi mlimi angapindule bwanji ndi anthu amudzi? Yesani kulingalira malingaliro osachepera 10.

NENO LABWINO

Malangizo Otsogolera: Funsani gulu lililonse kuti ligawane malingaliro awiri kapena atatu. Gulu lililonse liwonjezere malingaliro atsopano osati kubwereza iliyonse.

Zotsatira za Ntchito ya Ulimi

KUKAMBIRANA KWA GULU LALIKULU

Kodi munayamba mwalingalirapo kuti zotsatira za ntchito ya mlimi zimafunikira aliyense tsiku lililonse? Ndi ntchito zingati zomwe mukudziwa zomwe zimafunikira tsiku lililonse? Ngakhale madokotala sakufunika tsiku lililonse. Tonse timafunikira chakudya kuti tikhale ndi moyo - tsiku ndi tsiku! Kulima komwe kumatulutsa zakudya zabwino komanso zatsopano kumapindulitsa dera lathu lonse.

ZOCHITA ZA GULU LAKULU

Malangizo Otsogolera: Pezani mbale yaikulu kapena mbale ndikutsanulira madzi mu mbale. Ikani mbale pansi. Mukamaliza kufotokoza za ntchitoyi, funsani munthu wodzipereka kuti abwere ndikugwetsa mosamala miyala iwiri kapena itatu mu mbale imodzi imodzi.

Zindikirani kuti madzi ali chete ndipo ali ophwanyika mu mbale.

- Kodi n'chiyani chimachitika madzi thanthwe likagwetsedwa m'madzi?
 - *Pali mafunde ambiri omwe amatuluka kuchokera pomwe thanthwe limagunda madzi.*



Izi ndi zomwe anthu amatcha 'ripple effect'. Izi zikutanthawuza mmene chinthu chimodzi chingakhudzire zinthu zina zambiri—zabwino kapena zoipa.

KUKAMBIKANA KWA GULU LALIKULU

- Fotokozani zomwe zimachitika mukakhala ndi zokolola zabwino komanso chakudya chambiri chopatsa thanzi - Kodi zimapindulitsa bwanji banja lanu, ana anu, thanzi lanu, chuma chanu, dera lanu? Kodi kukhala ndi zakudya zambiri zathanzi ndi chiyani?
 - *Banja ndi lathanzi ndi lamphamvu ndipo limatha kugwira ntchito ndi kupita kusukulu*
 - *Ndalama zokwanira banja, chakudya, maphunziro ndi kugawana ndi osauka ndi anthu osowa*
 - *Anthu amakhala osangalala komanso akusangalala ndi moyo*
 - *Anthu amudzi ndi okondwa ndipo amatha kuthetsa mavuto*
 - *Miyoyo yathu ndi umboni wa ubwino wa Mulungu*
- Fotokozani zimene zimachitika ngati simukolola bwino. Chosiyana ndi chiyani? Kodi zimakhudza bwanji banja lanu? thanzi lanu? ndalama zanu, dera lanu? Kodi kusakhala ndi chakudya chokwanira ndi chiyani?
 - *Matenda ndi thanzi labwino*
 - *Kusowa ndalama za banja, chakudya, maphunziro*
 - *Ndalama zambiri za matenda*
 - *Ana amalowa kusukulu ndipo akulu amalowa ntchito*
 - *Moyo ndi wovuta ndipo anthu amavutika kuti apulumuke*

Kulima mwanzeru kungathe kukolola zakudya zambiri zotetezeka komanso zopatsa thanzi zomwe zimapindulitsa anthu m'madera ambiri. Ndiye, tingawongolere bwanji luso lathu laulimi kuti mabanja athu ndi anthu amdera lathu azikumana ndi zovuta m'mbali zonse za moyo wathu?

Pa phunziro lomalizali, tiganizira zomwe ulimi ukufunikira ndikugwira ntchito limodzi kupanga dongosolo.

Zomwe tidzachita limodzi m'kalasi lero zidzakuthandizani kukonzekera kukwaniritsa dongosolo lanu pambuyo pa maphunziro!

Werengani Mlaliki 4:9- 12.

- Kodi ndimeyi ikutiphunzitsa chiyani kuti tigwirizane ndi ulimi?
 - *Timalimba tikamagwira ntchito limodzi ndi ena.*
 - *Titha kupeza phindu labwino la ntchito yathu.*
 - *Tikhoza kuthandizana tikakumana ndi mavuto.*

Timadziwa kuti tikamagwira ntchito tokha, nthawi zambiri timalephera, makamaka tikakumana ndi mavuto. Timadziwanso kuti tikamagwira ntchito limodzi tikhoza kuchita zambiri. Midzi ina yayamba kale kusunghanitsa alimi pamodzi kuti aphunzire zambiri za njira zatsopano zaulimi kapena kuthetsa mavuto omwe amapezeka m'minda yawo. Mutha kukhala ndi magulu aulimi mdera lanu omwe mungalowe nawo, kapena mungafune kuyambitsa gulu lina laulimi. Masitepe asanu otsatirawa adzakuthandizani kuyambitsa gulu latsopano laulimi.

1: Kupeza zofunika paulimi

ZOCHITA ZA GULU LAKULU

Tsopano ndi nthawi yolingalira za minda, mbewu, ndi nyama za m'dera lanu kuti tichitepo kanthu.

Tidzazindikira zofunika kwambiri kuti tithe kugwirira ntchito limodzi.

Choyamba, monga tanenera kale, pali mitu yambiri yamtengo wapatali pa ulimi. Tidangofotokoza zochepe chabe mu gawoli ndipo zina zomwe tatchulazi. Tiyeni tionenso nkhani zaulimi zomwe zinakambidwa mwachidule koma zosaphunzitsidwa.

- Ndi mitu iti yomwe mungafune kuti mudziwe zambiri mchaka chamawa?

Malangizo Otsogolera: Unikaninso za **ZITHUNZI: Kuphunzira Makadi Ambiri** mmodzi panthawi ngati gulu kuti adziwe omwe akufuna kuphunzira zambiri. Funsani mtsogoleri wa mderalo kuti apange milu iwiri pamene mukuwerenga khadi lirilonse - imodzi ya mitu yoti muphunzire zambiri ndipo ina yotsalayo.

Kenako, tiwona zomwe zili zofunika paulimi kapena mavuto omwe mukukumana nawo monga mudzi. Kodi ndi tizirombo, nthaka yosauka, kusowa kwa manyowa, kapena kusowa kwa madzi kapena china? Kenako, tikambirana za anthu ndi mabungwe amene angatithandize pa nkhani zimenezi, ndipo tidzakhala ndi nthawi yopemphera.

Tengani mphindi 15 kuti muchite izi tsopano:

1. Werenganinso makhadi amitu yomwe mukufuna kudziwa zambiri mchaka chamawa.
2. Lembani mndandanda wa zovuta kapena zovuta zomwe zikuyenera kuthetsedwa mdera lanu zaulimi.
3. Kodi ndi akatswiri ati a m'dera lanu amene angakuthandizeni pa nkhani zimenezi?
4. Monga gulu, pemphani nzeru ndi chitsogozo cha Mulungu.

Mukakhala ndi mndandanda wazinthu, muyenera kusankha zomwe zili zofunika kwambiri kuti muyambe kukonza.

- Ndi nkhani ziti zomwe mwakambirana zomwe zili zofunika kwambiri? Pitani pamakadi omwe mukufuna kuphunzira za chaka chino ndikupanga khadi yatsopano pazowonjezera zilizonse zomwe mungakonzekere. Werenganinso makhadi ndikusankha makhadi atatu apamwamba kwambiri. Kenako muunjika motsatira kufunikira kwake ndi zofunika kwambiri pamwamba.

Malangizo Otsogolera: Gulu litha kugwiritsa ntchito njira yovotera mbewu kapena njira ina iliyonse kusankha zinthu zitatu zofunika kwambiri.

Gawo 2: Pangani Magulu Olima

Tsopano popeza mwadziwa chofunika mungathe kulowa nawo m'gulu la alimi m'dera lanu kapena ngati mulibe m'dera lanu, amene ali ndi chidwi atha kugwirira ntchito limodzi kuyambitsa limodzi. Gulu laulimi limalola anthu omwe ali ndi chidwi chofanana kapena zovuta kuti aphunzire kuchokera kwa wina ndi mnzake ndikupeza zinthu zothandiza kuthetsa mavuto. Kuyambitsa gulu latsopano ndikosavuta kwambiri. Mukhozanso kusankha kukhala ndi magulu angapo aulimi kuti aganizire nkhani zosiyanasiyana.

- Ndi angati a inu omwe muli kale mu gulu la alimi?
- Ndi mapindu otani amene mwapeza?

Kuti muyambe gulu laulimi muyenera kuyankha mafunso otsatirawa. Pa phunziro lathu lero, yang'anani pa nkhani yomwe mwasankha kuti ndiyofunika kwambiri ndipo kambiranani mafunsowa kuti mudziwe momwe mungayambitsire gulu laulimi. Nthawi zonse gulu laulimi likayambika ndi chanzeru kukambirana za mafunsowa.

1. **Chifukwa chiyani gululi?** Mwachitsanzo: Kuphunzira luso linalake laulimi, kuthetsa vuto la tizirombo kapena matenda, kugwira ntchito limodzi pa ntchito inayake yaulimi, kapena kufufuza mbewu za masamba zomwe mungagwiritse ntchito.

2. **Kodi Utsogoleri ndi ndani?** Gulu ili la anthu 3-4 lidzakhala ndi udindo wokonza nthawi za misonkhano ndi kutsogolera misonkhano. Gulu ili litha kuchokera mu mpingo kapena kuphatikiza atsogoleri amudzi. Mutha kuvomereza kusinthatintha maudindo.
3. **Adzatenga nawo mbali ndani mgululi?** Kodi adzakhala anthu amdera lanu okha kapena madera awiri kapena atatu? Kodi muphatikiza amayi, abambo, achinyamata?
4. **Kodi mudzakumana kangati?** Liti? Kuti?

Gawo 3: Konzani ndondomeko ya zochita

Kenako, mukuyenera kukonzekera ngati gulu, kusankha Mmene mukufuna kuthana ndi vutoli komanso/kapena kuchitapo kanthu.

ZOCHITA ZA MAGULU ANG'ONO

Malangizo Otsogolera: Akumbutseni gulu kuti tikupanga gulu limodzi laulimi ndikupanga dongosolo. Ngati gulu lili lalikulu, gawani m'magulu a anthu 8-10 koma magulu onse awiri aganizire zaulimi umodzi. Lembani masitepe ali m'munsiwa pa bolodi kapena fotokozani sitepe iliyonse ndipo perekani nthawi kuti magulu amalaze sitepe iliyonse asanafotokoze sitepe ina.

Tangani mphindi 30 kuti mukwaniritse izi:

1. Pemphererani nkhanu imene mwasankha kuti ndi yofunika kwambiri ndipo pemphani Mulungu kuti akutsogolereni komanso kuti akupatseni nzeru
2. Dziwani zomwe zingatheke komanso zothandizira
 - a. Zothetsera Zauzimu - Pempherani ndi kufunafuna chitsogozo cha Mulungu ndipo tsimikizani kupempherera famu yanu.
 - b. Mayankho akatswiri a m'deralo - Ndani alipo kuti athandize?
 - i. Mlimi wakumaloko yemwe ndi wodziwa kwambiri
 - ii. Akuluakulu a zaulimi aboma
 - c. Njira zina - Ndi njira ziti zakunja zomwe zingakhalepo?
 - i. Ma Bungwe, alangizi a zaulimi, achikhristu, mayankho achilengedwe ndi chonde chochita kukonza.
 - ii. Maphunziro omwe alipo monga Kulima mu Njira ya Mulungu, Ulimi Woteteza, Kulima zachilengedwe
3. Ganizirani zoyenera kuchita ndi amene achitepo kanthu
 - a. Kambiranani ZOMWE zikuyenera kuchitika
 - b. Gwirizanani kuti **NDINDANI** achite
 - c. Kambiranani **MOMWE** angachitire
 - d. Kambiranani nthawi yomwe iyenera kuchitidwa
4. Ganizirani kukana komwe kungachitike kuchokera kwa anthu amudzi, oyandikana nawo, abale, ndi ena
 - a. Kodi ndi mavuto otani amene angabwere chifukwa chochita zimenezi?
 - b. Kodi aneba anu angakuyankheni bwanji mukamalima mwanjira ina? (Kodi pali nkhanu za chikhalidwe zomwe zingabuke?)
 - c. Kodi mungatani kuti mupewe mavuto ndi kukhala okonzeka kulimbana nawo akabuka?

NENO LABWINO – Ngati pali magulu angapo, gulu lililonse ligawane mapulani awo. Funsani gulu lonse ngati ali ndi malingaliro ena owonjezera pa dongosolo lawo.

Khwerero 4: Chitanipo – Tsatirani Mapulaniwo

Mukakhala ndi Plan yanu, muyenera kuchita. Sitikhala ndi nthawi yochitira izi lero, koma tiyeni tiwerenge njira zomwe muyenera kuchita kuti muyambitse gulu lanu laulimi.

1. Landirani maphunziro ofunikira KAPENA gwiritsani ntchito chiwemba kapena chitani chilichonse chomwe mwaganiza kuchita.

2. Chiyikeni muzochita. Muyenera kuyesa njira yomwe mukufuna pafamu yanu. Ena ndiye angaphunzire mwa chitsanzo chathu.
3. Thandizani wina ndi mzake – Kuyesa zinthu zatsopano kungakhale kovuta. Mosakayika mudzakhala ndi mavuto. Osataya mtima! Limbikitsani ndi kuthandizana wina ndi mzake.

5: Perekani Ulemerero kwa Mulungu

Kumbukirani kuti Mulungu analenga kumwamba ndi dziko lapansi. Kenako anabzala dimba n’kutipatsa kuti tizilisamalira. Pamene tsopano tikuyesetsa kusamalira nthaka, tisaiwale kupemphera pamene tikugwira ntchito ndi kuphunzira ndiyeno kuthokoza Mulungu pa zimene zikuchitika. Mitima yoyamikira imabweretsa moyo kwa aliynse. Ndipo kumbukirani kugawana chidziwitsochi ndi ena. Kwa lye kukhale ulemerero wonse!

Tiyeni tipeze nthawi yothokoza Mulungu chifukwa cha chilengedwe chake chodabwitsa komanso mmene watithandizira kuphunzira kuzisamalira.

***Malangizo Otsogolera:** Atsogolereni gulu mu nthawi ya pemphero lothokoza kapena kuyimba nyimbo yotamanda chilengedwe chake chonse ndi mphatso zonse za Mulungu pagulu.*

Mapeto

Kuyambira pachiyambi cha gawoli, takhala tikuphunzira za chilengedwe cha Mulungu ndi udindo wathu monga osamalira. Tiyeni tionenso Mfundo Zazikulu zonse pamene tikutseka limodzi nthawi ino.

Ndani angakumbukire zomwe phunziro lililonse lidalunjika?

Phunziro 1: Zolengedwa zonse ndi za Mulungu. Mulungu watipatsa ife kuti tiwasamalire.

Phunziro 2: Ntchito ya anthu ndi ‘kulamulira’ chilengedwe—kuchisamalira ndi kuchigwiritsa ntchito mwabwino, osati kuchiwononga.

Phunziro 3: Mulungu anali mlimi woyamba. Ntchito yoyamba ya Adamu inali yolima. Kulima ndi mayitanidwe apamwamba ochokera kwa Mulungu. Ntchito ndi gawo la dongosolo loyambirira la Mulungu ndipo imatipatsa cholinga ndi ulemu.

Phunziro 4: Mulungu akhoza kuchiritsa dziko lathu pamene tikuyenda momvera lye.

Phunziro 5: Timadyetsa nthaka kuti tizilombo toyambitsa matenda tidyetse zomera.

Phunziro 6: Zomera zimafunikira chakudya choyenera (zakudya) pa nthawi yoyenera kapena pagawo la kukula kwake.

Phunziro 7: Munda wokonzedwa bwino upereka chakudya chabwino kwa banja lanu. kugawana ndi omwe akusowa ndikupereka ndalama zowonjezera.

Phunziro 8: Pali njira zambiri zachilengedwe zothanirana ndi tizirombo ndi matenda. Osataya mtima, pitilizani kuyesa zatsopano ndikugawana ndikulimbikitsana wina ndi mnzake.

Phunziro 9: Mulungu wapereka njira zambiri zomwe tingalimbikitsire minda yathu pogwiritsa ntchito chuma chomwe tili nacho kale pafamuyo. Pamene tikugwiritsa ntchito njirazi zimapangitsa kuti famu ipange zambiri.

Phunziro 10: Gwirani ntchito limodzi kuzindikira mavuto ndikugwiritsa ntchito zomwe tili nazo kuti tithane nazo. Perekani ulemerero kwa Mulungu ndikugawana ndi ena kupambana kwathu!

Pamene tikusiya maphunzirowa, chiyembekezo chathu ndi chakuti mpingo uwu:

Gwirani ntchito limodzi ndi anthu ammodzi kuti:

- Samalirani chilengedwe chomwe Mulungu watipatsa,
- Kugawana nzeru ndi madalitso ochokera m'minda yathu ndi ena, ndi
- Bweretsani ulemerero kwa Mulungu mu ulimi wathu.