



# Nivuru na Siyensiya Sosiyaji Echuwabo

Quarta classe

4



REPÚBLICA DE MOÇAMBIQUE  
MINISTÉRIO DA EDUCAÇÃO E  
DESENVOLVIMENTO HUMANO



**USAID**  
DO POVO AMERICANO



A produção deste livro tornou-se possível graças ao apoio do povo Americano através da Agência dos Estados Unidos para o Desenvolvimento Internacional (USAID). O conteúdo desta publicação é da total responsabilidade do Ministério da Educação e Desenvolvimento Humano da República de Moçambique.

## FICHA TÉCNICA

---

**Título:**

Nivuru na Siyensiya Sosiyaji - Kalasi ya Nawunayi

**Língua:**

Echuwabo

**Coordenação Editorial -**

**MINEDH:**

**Ismael Nheze, Telésfero de Jesus, Rafael Bernardo, Fabião Nhabique e Laquene Laisse**

**Vamos Ler!:**

Samima Patel e Abdala Machude

**Autores:**

Agostinho A. Agostinho, Angelo Tivane, Adelino Mula, Angela Amado, Natalia Paunde e Juvencio Chipanga

**Colaboradores:**

Helena Bila e Sara Ferreira

**Tradutores**

Wazir Gomes e Jaquibo Artur Miguel

**Assessoria metodológica e linguística:**

Samima Patel e Carlos Manuel

**Ilustração:**

Cassamo Moiane

**Maquetização:**

Omaia Panachande

**Capa:**

Cassamo Moiane e Omaia Panachande

**Impressão:**

Minerva Print

**Tiragem:**

**N.º do registo:**

**Financiado pela USAID  
República de Moçambique**





**DDIMA YA MASUNZO 1**

<b>ANAMUDHI</b> .....	<b>6</b>
<b>Sumana 1</b> .....	<b>7</b>
Anamudhi .....	7
Mabasa a anamudhi – mmawani, osapela vade, osunziya yeddelo ya mmawani na nibasa mmuruddani.....	10
Mabasa a osapela vade .....	11
Mabasa osunziya yeddelo ya mmawani .....	12
Mabasa a anamudhi .....	14
<b>Sumana 2</b> .....	<b>15</b>
Dhinafwanyelela na dhoowira dha Ayima.....	15
Thima ena anamudhi .....	17
Okalawo mwenamudhini .....	18
<b>Sumana 3</b> .....	<b>18</b>
Dhifunelo na dhoonukeliwa munamudhini .....	21
Mikalelo dhoovikoyala munamudhini .....	22
Thima ya ovikoyela .....	24
<b>Sumana 4</b> .....	<b>25</b>
Mapadduwo munamudhini mwaga .....	25
Ezinddiyelo entonya mudhidhi wa mapadduwo na amudhi aga .....	26
Ezinddiyelo jeneyaloojiku na anamudhi .....	27
<b>Sumana 5 - Wileya</b> .....	<b>28</b>

**DDIMA YA MASUNZO 2**

<b>MMURUDDANI</b> .....	<b>29</b>
<b>Sumana 6</b> .....	<b>30</b>
Dhisangu na dhilemelelo.....	30
Dhooja: Masasanyedho, Mapiyelo na Dhipano Dhoopiyana .....	31
Mutonyo modha wa mupiyelo wa dhooja dha mwilaboni mwehu .....	32
<b>Sumana 7</b> .....	<b>33</b>
Guwo na dhookoddeliya . .....	33
Mavego.....	36
<b>Sumana 8</b> .....	<b>38</b>
Mutonyo wa Ecilrapi.....	38
Ecilrapini.....	39
Mmiruddani dhooteene, nzoma thi nzoma ninocethiwa na jibo viina dhipano dha jibo .....	39
Mikutho na mathanga .....	42
Malogelo a mmuruddani .....	43
<b>Sumana 9 - Wileya</b> .....	<b>45</b>



<b>DDIMA YA MASUNZO 3</b>	
<b>XIKOOLA</b> .....	<b>47</b>
<b>Sumana 10</b> .....	<b>49</b>
Vankala xikoola .....	49
Mapadduwo a vaxikoola yaga .....	50
<b>Semana 11</b> .....	<b>51</b>
Ezinddiyelo entonya mudhidhi wa mapadduwo a xikoola .....	51
<b>Sumana 12 na 13 - Wileya</b> .....	<b>53</b>
<b>Sumana 14</b> .....	<b>54</b>
Malamulo a muxikoola .....	54
Ecibatiya xikoola .....	57
<b>Semana 15</b> .....	<b>59</b>
Oriya muthiyanelo wa athu .....	59
Muthongelo wapaama wa miladdu .....	60
<b>Semana 16 - Wileya</b> .....	<b>62</b>
<b>DDIMA YA MASUNZO 4</b>	
<b>ELABO YEHU</b> .....	<b>63</b>
<b>Sumana 17</b> .....	<b>64</b>
Mburo onkala elabo yehu Musambiki .....	64
Elabo yehu enkala epaddi ya omadhelo wa nzuwa wa Afirika, maddile a elabo yehu baaba: .....	65
<b>Sumana 18</b> .....	<b>66</b>
Mburo onkala elabo yehu .....	66
<b>Sumana 19</b> .....	<b>71</b>
Mburo onkala elabo yehu .....	71
<b>Sumana 20 - Wileya</b> .....	<b>74</b>
<b>Sumana 21</b> .....	<b>75</b>
Kilima .....	75
<b>Sumana 22</b> .....	<b>78</b>
<b>Minje na Mathadda</b> .....	<b>78</b>
<b>Thima ena minje na mathadda</b> .....	<b>79</b>



# MUTONYIYEDHO

<b>Sumana 23</b> .....	<b>82</b>
Muddebe na mumpilri .....	82
Thima ena mwini .....	82
Maddebe na Takwa dhimbareliwa Mwilaboni mwehu .....	83
Athu a malogo .....	85
<b>Sumana 25 na 26 - Wileya</b> .....	<b>88</b>
<b>Sumana 27</b> .....	<b>90</b>
Mabasa othiyana ankaliya athu a malogo .....	90
<b>Sumana 28</b> .....	<b>92</b>
Osapa .....	92
Akwakulutura .....	93
<b>Sumana 29</b> .....	<b>94</b>
Avikulutura .....	94
Pekuwariya .....	96
<b>Sumana 30 - Wileya</b> .....	<b>97</b>
<b>Sumana 31</b> .....	<b>98</b>
Otota .....	98
Mpinddu .....	100
<b>Sumana 32</b> .....	<b>102</b>
Merelo ansokela onyongeya wa munkaliwa .....	102
Thima ya obarela viina osasanyedha munkaliwa .....	102
<b>Sumana 33</b> .....	<b>104</b>
Dhipano dhooweddana na munvirani .....	104
<b>Sumana 34 - Wileya</b> .....	<b>107</b>
<b>Sumana 35 na 36</b> .....	<b>108</b>
Gano dhoovibarelana murampani .....	108
Dhipano dhoovaviyana mpaganyo .....	111
<b>Sumana 37 na 38 - Wileya</b> .....	<b>115</b>



DDIMA YA MASUNZO

1

# ANAMUDHI

Namasunza onofwanyela aziwe:

- Othiyaniya mikalelo dha anamudhi;
- Otapulela thima ena anamudhi
- Otapulela mabasa ana anamudhi;
- Oleba ezinddiyelo ya geneyalogika ya anamudhi;
- Otapulelamo thima ya ovikoyela korowa mwinyene;
- Ozinddiyela mapurelo a ovikoyela;
- Oleba mapadduwo a munamudhi
- Otapulelamo dhoofwanyelela na dhoowira.





Wang'ane nladdaniyo viina ologe ciini enoonawo weyo



Osunzevi

## Anamudhi

Anamudhi nikuru na athu ankala vamodha angumana munikami nimodhene ninga, atelani obe muthu orumeliwe ninga mwanamudhi, malabo menji amagaga onamudhi. Anamudhi baaba: abibi, ababi, mbali wa babi, ana, ana mbali ababi, adhulu na enaguwa. Mmuruddani, anamudhi anokana nzina na ziza nimodhene. Pu munamudhini munsuziwa masunzo oroma wookalawo.

### Ziza

Abibi	Ababi a amambali aga, ababi a babini viina ababi a mmani.
Ababi	Miyu na abali aga nikana ababi amodhene.
Atitiyu	Abali a ababi aga.
Asobirinyu	Ana a atitiyu aga ba asobirinyu a ababani aga
Adhulu	Miyu, abali aga viina ana a abali a babani nooteene nili adhulu a bibini wehu.
Apirimu	Ana a atitiyu aga ba apirimu aga.

Kwaduru 1: Ziza



### Ntapulelo na Mazu

**Ziza** - nikuru na athu nindela nikami nimodhene.

**Orumeliwamunamudhini:**  
Muthu onkoyiwa ninga mwana wa vatakulu







## Wakule mavuzo ali muciddo

1. Onamudhi ciini?
2. Osaziye ddima dha mazu mmukaderinoni mwawo, ogamala wakwaniye mimburo dhinjomba:

Anamudhi akana \_\_\_\_\_ na ziza \_\_\_\_\_.



## Osunzevi

**Wang'ane nladdaniyo ogamala ologe ciini enoonawo weyo.**

Omudhi oli owiilimo: omudhi wa vakukuvi na omudhi wa uddayi. Ankosa epaddi ya omudhi wa vakukuvi baba: babi, mmani na ana. Ankosa epaddi ya omudhi wa uddayi baba: abibi, abali ababa, ana abali ababa, adhulu na anamudhi enaguwa.

Ja makamaka anamudhi wiwanana, okwelana viina oriyana.



Nladdaniyo 1: Anamudhi a vakuvi



Nladdaniyo 2: Anamudhi a uddayi



### Wakule mavuzo ali muciddo

1. Wang'ane maladdaniyo ogamala wakule mavuzo anfwarelana:
  - a) Nladdaniyo gani vali anamudhi a vakukuvi?
  - b) Bani onkosa epaddi ya anamudhi a vakukuvi?
  - c) Bani onkosa epaddi ya anamudhi a uddayi?
  - d) Weyo onkala munamudhini gani?
  - e) Olebe nladdaniyo nintonya anamudhi awo.
2. Osaziye mukaderinoni mwawo kwaduru eli muciddo, ogamala wakwaniye mimburo dhinjomba.

Abali a babani waga	ba _____ aga
Ababi a mmani waga	ba _____ aga
Ana a atitiyu aga	ba _____ aga



## Osunzevi

# Mabasa a anamudhi – mmawani, osapela vade, osunziya yeddelo ya mmawani na nibasa mmuruddani

## Nibasa na anamudhi mmawani

Anamudhi nikuru na oroma na mmawani ninkosamo iyo epaddi, anamudhi ba makamaka vaddiddi mukalani wa muthu-muthu, sabwa wi pu munamudhini munsunza iyo okalawo mmuruddani.

Munamudhini mukala athu a masaka othiyana, masiku ooteene muthu-muthu munamudhini onovizuzumela viina onowazuzumela athu enaguwa.

Mutonyo wa anamudhi eeli munzinddiyelo mabasa a mmawani, buubu onfwarelana:

Munamudhini mwakadda Peruwa munddimuwa modha muragali wa meento. Munamudhini mpu, athu ooteene makamaka ayima anoziveliwa ologa makani na bibini wawa viina anomukamiyedha agafunaga wedda.

Munamuddini mwa akadda Basiyawu muzombwe modha kanodha wedda, iyene muragali wa meddo sabwa wi wahibulela musebwe vaali iyene mwana.

Amudhi aba oweeli anowariya anamudhi ooteene , awene kanimpwaza muthu sabwa okala muragali. Enfuna ologa, awene ankalawo mumodhani ninga munlamula okalawo wa muthu-muthu mmawani viina anoriya dhoofwanyelela dha omuthu.



## Ntapulelo na Mazu

**Opwaza** – wigariwa, ohiriyiwa sabwa okala muthu ona mikalelo dhoothiyana.

**Ziza** – nikuru na athu ana dhaaka modhene obe dhoowaddama.

**Oyima** – thalro ya munuuwelo wa muthu engomela dhaaka 12.

**Musebwe**– eredda enthapulriwa enkala mmakuvani enobaniya misipe dha muthu emutotelaga ohiwodda wedda.





**Nladdaniyo 3:** Okwelana na wakelana munamudhini

## Mabasa a osapela vade

Munamudhini, azombwe na anddimuwa anothidda mabasa othiyana ansokela poso vatakulu viina okalawo wa paama wa athu oteene, enaguwa anolima mindda, enaguwa anolaba mmfabirikani viina mmumburoni dhoothiyana-thiyana dha ganyo.

Ayima munamudhini anzuzumela makamaka masunzo wi agawuunuwa awodhe osapela vade avahaga anamudhi oteene mikalelo dhookalawo paama.



**Nladdaniyo 4:** Mwana bagakosa mabasa arumiwe oxikoola

## Mabasa osunziya yeddelo ya mmawani

Anddimuwa, makamaka abaabi na amambali akana mabasa maddimuwa owasongolrela ayima. Anddimuwa onowasunziya ayima yeddelo ya mmawani alabiyedhaga makani asunzile awene na azamani awa viina anowang'anela dhooteene dhinira ayima siku na siku.

Wang'aneliwa wa yeddelo ya ayima na athu anddimuwa onosokela wi awene awodhe wunuwiya omuthu wawa na wiwananeya mmawani.



**Nladdaniyo 5:** Bibi alogaga makani na adhulu aye

Anamudhi ooteene akana dhoowira dhinfwanyela awene okosa. Nibasa na abaabi owavaha ana awa wookala, dhooja, ozuzumela egumi yawa, ozuzumela masunzo awa viina dhilobo dhinaguwa dhinimukaliya muthu-muthu munamudhini.

Ayima munamudhini anofwanyelela wariya athu ooteene, okamiyedha mabasa a vatakulu ninga, osuwa dhoobo, oseela vatakulu, owadhela manje miri dha makupu, okosa mabasa arumiwe oxikoola na waredha.



**Nladdaniyo 6:** Othidda mabasa munamudhini

Ayima anofwanyela wariya anamudhi, okamiyedha mabasa a vatakulu, okosa mabasa oxikoola viina ovega.

Wi anamudhi ewananega, ooteene anofwanyela okala vamodha alogaga makani, akosaga mabasa oxikoola viina avegaga.



## Osunzevi

### Mabasa a anamudhi

Anamudhi ooteene akana mabasa awa. Ababi anlabela ovaha anawa vokala, dhooja, ozuzumela egumi, ozuzumela masunzo na dhilobo dhinaguwa dhinakaliyawo.



## Koona akala oyinonelamo

1. Wengesele mutaka onloga sabwa ya mabasa a anamudhi oli vanikuku \_\_\_\_\_.
  - a) Olebe nladdaniyo ninzinddiyela mweddelo wa ayima munamudhini mwa akadda Peruwa.
  - b) Ayima anzuzumela nni na masunzo?
  - c) Katapulelamo mukalelo onsunziyiwa ayima yeddelo.
2. Wakule mavuzo ali muciddo:
  - a) Mabasa anamudhi baavi?
  - b) Mabasa a ayima munamudhini baavi?
3. Osaziye ddima ya mazu eli muciddo, ogamala wakwaniye mimburo dhinjomba:
 

Wi anamudhi \_\_\_\_\_, ooteene anofwanyela okala vamodha \_\_\_\_\_ akosaga mabasa oxikoola viina \_\_\_\_\_.
4. Wang'ane nladdaniyo na 3 viina ologe ciini enoonawo weyo?





## Osunzevi

## Dhinafwanyelela na dhoowira dha Ayima

Ayima ooteene akana dhinafwanyelela na dhoowira dhinfuneya oriyiwa wi awene onuunuwe na murenddele viina na egumi.

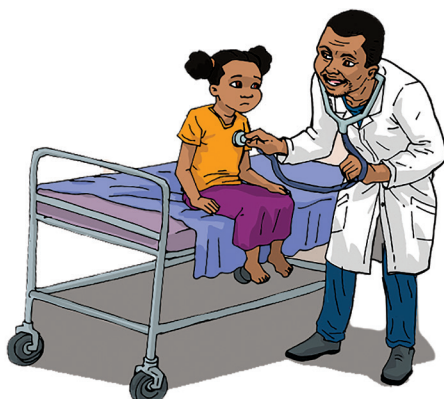


### Ntapulelo na Mazu

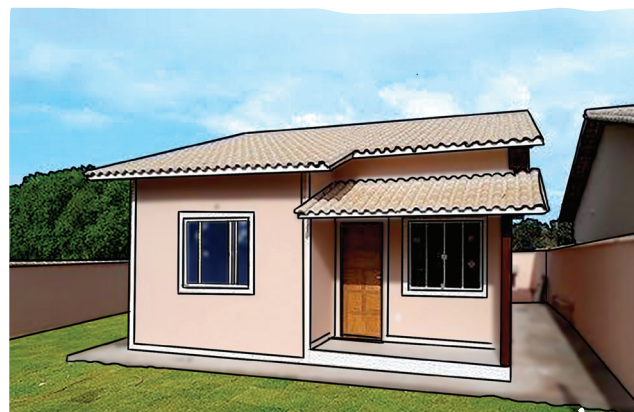
**Opwaza** - ohimuriya muthu sabwa ya thebe, masunzo obe elobo yinaguwa enimuthiyaniya na athu enaguwa.



**Nladdaniyo 7:** Dhoofwanyelela dha ayima



**Nladdaniyo 8:** Ozuzumeliwa egumi



**Nladdaniyo 9:** Okana wookala

Kwaduru eli muciddo mukala dhinafwanyelela na dhoowira dha ayima:

Dhinafwanyelela	Dhoowira
<ul style="list-style-type: none"> <li>• Okalawo;</li> <li>• Nzina;</li> <li>• Elabo;</li> <li>• Oja;</li> <li>• Egumi;</li> <li>• Anamudhi;</li> <li>• Ovega;</li> <li>• Vokala;</li> <li>• Osunza;</li> <li>• Obareliwa;</li> <li>• Okweliwa.</li> </ul>	<ul style="list-style-type: none"> <li>• Wariya athu na ekalelo yawa (nrromelo);</li> <li>• Wariya amambali;</li> <li>• Wariya anamasunziya na amalro oxikoola viina oviriya;</li> <li>• Osasanyedha dhipano dhoosunzana, okosa mabasa oxikoola viina okamiyedha mabasa a vatakulu;</li> <li>• Obarela munkaliwa.</li> </ul>



### Koona akala oyinonelamo

1. Osaziye mukaderinoni mwawo kwaduru eli muciddo, ogamala olebe (E) vali Ebaribari viina olebe (O) vali Othambi.

Analobwana kanfwanyela othidda mabasa a vatakulu.	
Amambali anofwanyela ozuzumela masunzo a anawa	
Ayima anofwanyela okosa mabasa oxikoola	

2. Osakule yoofwanyelela modha na yoowira modha eli mmuthakani ogamala ozinddiyele olebaga nladdaniyo.



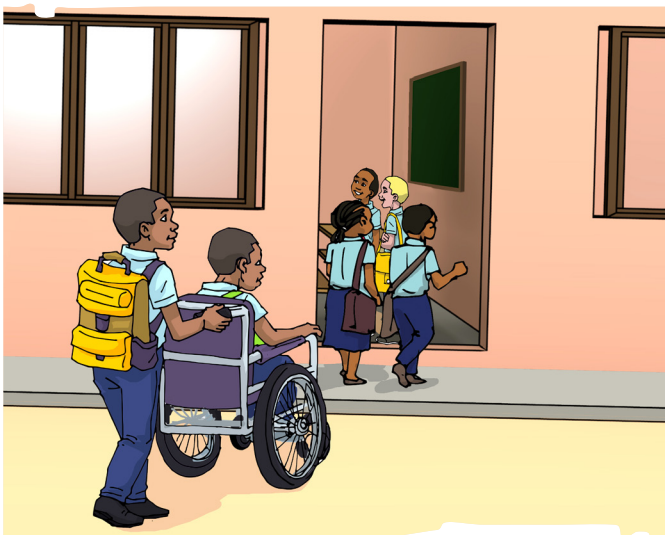
## Osunzevi

## Thima ena anamudhi

Omudhi bwa makamaka sabwa wi onodhana oderetu mwa anamudhi ooteene.

Pu munamudhini munsuziwa nriyo, okwelana, thagaraga viina wimelela.

Anamudhi ba makamaka mmasunzoni mwa muthu. Pu munamudhini munroma osunziwa mweddelo wa mmawani.



**Nladdaniyo 10:** Okwelana na okamiyedhana munamudhini



### Koona akala oyinonelamo

1. Thima gani ena onamudhi?
2. Wakwaniye ddima ya mazu enfwarela:  
Pu munamudhini munsuziwa \_\_\_\_\_, okwelana,  
\_\_\_\_\_viina wimelela.
3. Sabwa nni muthu onroma osunza munamudhini?
4. Wang'ane maladdaniyo ali muciddo viina ologe ciini enoonawo weyo?



### Ddisunza wi:

- Pu munamudhini munsunziwa masunzo oroma a okalawo.
- Akalawo anamudhi a vakukuvi na anamudhi a uddayi.
- Anamudhi ooteene akana enlabelani.
- Anamudhi ooteene akana dhinafwanyelela na dhoowira.
- Wi ayima awuunuwe na murenddele viina egumi enofuneya oriya dhinafwanyelela.
- Anamudhi ba makamaka, sabwa wi awene anosunziya okwelana, thagaraga viina wariya athu.



### Osunzevi

## Okalawo mwenamudhini

Onamudhi bu mburo wa oroma onkalamo mwana mwenamudhini. Pu mwenamudhini munsunziwa omuriya muthu, omuvahamo mukwawo elo, viina okana nlelo.

Anamudhi athu othiyana sabwa wi muthu-muthu onothiyana na mwinaguwa viina sabwa wi akana muubuwelo woothiyana na dhooziveleliwa dhoothiyana.



Othiyana wa muthu-muthu munamudhini onofwanyela oriyiwa wi anamudhi akale mumodhani.

Wi anamudhi akalewo na osanzaya ja makamaka athu ologa makani, oriya enloga muthu mwinaguwa, ovilelana, ologa ebaribari, wimelela viina oziwa olevelela.

Pumunamudhini, munkalaathunaosanzayaviinamunsunziyiwa gano dhoowiwananeyana wi muthu akale wooleleya viina onziwa othonga miladdu alogaga makani.

Wi anamudhi akalewo na murenddele, anofwanyela ologa makani, oriya enloga muthu mwinaguwa, olevelela na okumbilra nlevelelo.



**Nladdaniyo 11:** Okalawo munamudhini na osanzaya

## 1. Wang'ane maladdaniyo ali muciddo



Ologe ciini enoonawo weyo vamaaladdaniyoni



### Koona akala oyinonelamo

1. Thima gani ena okalawo munamudhini na osanzaya?
2. Ciini enveddeya wi anamudhi akale mumodhani?
3. Wiite ddima dha mazu olabiyedhaa mazu aba anfwarelana anvahedhelana na okalawo munamudhini na osanzaya: ologa makani, olevelela, ovaha na owardha.



## Osunzevi

# Dhifunelo na dhoonukeliwa munamudhini

Maye wa Agoxitinyu wadhwa omusika wi agule oba, mbuga, othu, mukathe, fwalrinya na sukiri.

Agoxitinyu omukumbilra maye wi amugulele referexiku na thuthumburu. Maye omwaddela wi kana kobiri enakwana ogulana dhilobo dhanukeliwa iyene, mbwenye agagulile dhooja dhinfuneya vatakulu.



## Ntapulelo na mazu

**Dhifunelo** - si dhilobo dhootene dha makamaka dhininfuna muthu wi akalewo.

**Onukeliwa** - elobo enfuna muthu vaddiddi, vano onowodha okalawo ahina eloboya.



**Nladdaniyo 12: Dhoonukeliwa**



**Nladdaniyo 11: Dhoofuneyai**





### Ddisunza wi:

- Ninofwanyela wariya athu oteene;
- Ogawelana mabasa a vatakulu;
- Olejela viina okana mweddelo wa deretu;
- Owakamiyedha athu enaguwa viina okumbilra nikamiyedho egavedeya;
- Wi othonge miladdu munamudhini ja paama ologela makani.



### Koona akala oyinonelamo

1. Ogamala wengesela muthaka wakule mavuzo afwarelana:
  - a) Referexiku na thuthumburu dhooja dha makamaka munamudhini mwa Agoxitnyu?
  - b) Dhilobo gani dha makamaka dhinfwanyela ogula mmani wa Aguxitinyu?



### Osunzevi

## Mikalelo dhoovikoyala munamudhini

Nooteene nigakamiyedhana ninonga muwaku mung'ono

Ya ireyile kiyahireyilege dhawene!

Werilege ddi namunguni na thangwe anakala mutakwani.

Siku nimodha namunguni owuubuwela wi anfunu akose mathanga vatakulu vaye.

Vano kafuna onyunga muwaku mwinjene, sabwa wi konyonga, kagakanilekobiriyoogulanaposommasikuniagadhilimusongolro. Wenevale iyene owuubuwela! Ddinowawomba akwaga ooteene viina ddinowakumbilra ooteeneya osokela mathangaya.

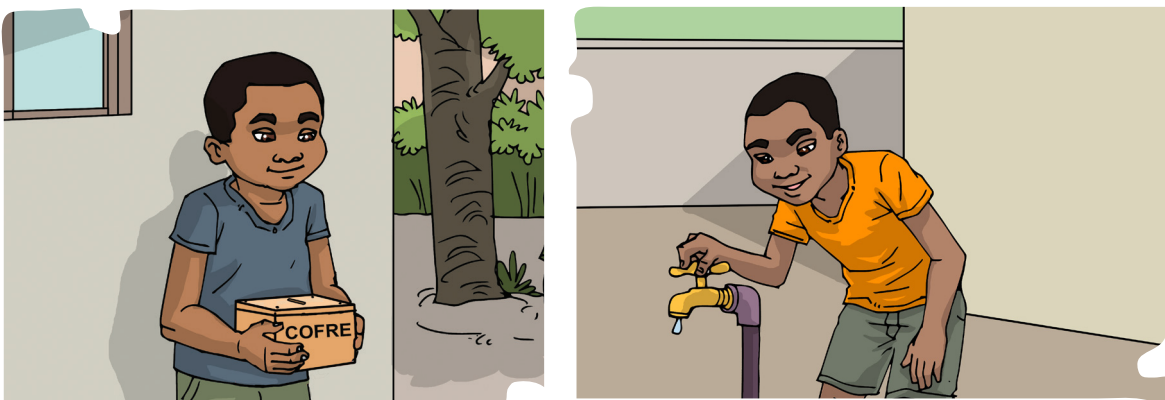
- Muthu-muthu onofwanyela odhana mukono. Thangwe ologa eraga: - wila dhootene dhiwedda noofwanyelela ja makamaka osasanyedha lixita ninalebiwemo mukono onfuna odhana muthu-muthu. Dahene, namarogolo opelreka mukono wa mbuga, ncilo opelreka mukono wa makura, nimbatha opelreka sabolra, civeve opelreka nyama, yukuru opelreka mareferexiku, vano namunguni na thangwe ansasanyedha mburo wafuna ojiwa mathanga viina ocethiwa sabwa wi namunguni wali muyesa munddimuwa vacetha vaddiddi.

Mathangaya awedda paamene viina ahiziva vaddiddi. Omagomelo wa mathanga, namunguni na thangwe ahiloga eraga wi oteena ali vamathangani ahidhana mukono noona mathangaya kanyongile muwaku mwinjene. Ooteene alabaga vamodha ahiwodha oja mathanga manddimwa, muthu-muthu onyonga muwaku mung'onovi.

Omamamelo wa mathanga ooteene ahiziveliwa vaddiddi, sabwa wi ahija mathanga vamodha na dhinama dhootene dha muthakwani.

Nooteene nigakamiyedhana, nooteene inopembelra.

*Sofia Scapini*



**Nladdaniyo 13:** Ovikoyela munamudhini

Wi nikose efunelo yehu viina onukeliwa wehu enofwanyela okana elemelelo ya ovikoyela.

Ovikoyela winanela mukwaku wi olabiyedhiwe mangwana, obe, ovuguliwa wa muthengo wa poso na siku na siku.

Winivikoyelekobiri enofwanyela okana mwego mokoyakobiriya ninga, garafwa, lanta, kofiri, muceka na dhilobo dhinaguwa.

Ninovikoyela nigenanelaga manje, ceza na dhilobo dhinaguwa dhigalabiyedhiwaga paamene.

Ovikoyela winenela nranjulo na kobiri wi nilabiyedhe mudhidhi.

## Thima ya ovikoyela

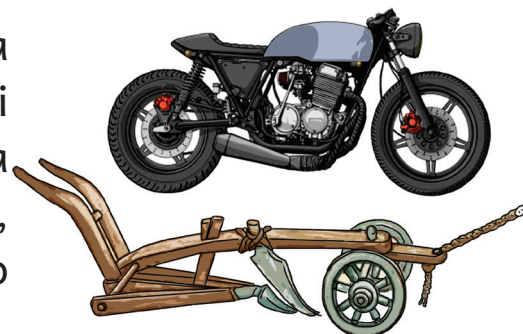
Ovikoyela munamudhini kwa makamaka sabwa wi onokamiyedha okoya kobiri wi nigulena dhifunelo dhewu ninga: omaga na nyumba ya maxapa, ogula na mujinga, mota, mukukutha, charuwa viina dhilobo dhinaguwa dhinajombela anamudhi.

Noona, ja makamaka okana elemelelo ya ovikoyela wi niwodhe opimelela muwaku onyongiwa na dhoogula.

Ovikoyelakuwinanela epaddiyamuwakuobenranjuluningumela muthu. Masiku oteene ninowawoona athu munamudhini ana mweddelo wa bure ninga:

- Othiya manje a muturunera oteleleya vati agakwecaga meeno;
- Othiya manje a muturunera a funtenariya oteleleya vati ebewene;
- Othiya maluju athiddaga ebewene;
- Ogawela oja mwinjene mmuziyoni;
- Othiya makara obe kuni dhilalaga agamale opiya.

Merelo aba abure onotonyiedha wila athu awo kanziwa winanela.



**Nladdaniyo 14:** mota na charuwa

Ovikoyela munamudhini ja makamaka sabwa wi ononikamiyedha okoya kobiri wi nikosena onukeliwa wehu ninga, omaga nyumba, ogula mugginga, mota, mukukutha, muthitho wa mmadani na dhinaguwa.

Noona, ja makamaka okana merelo apaama ovikoyela viina ogula eli ya makamaka.



### Koona akala oyinonelamo

1. Ovikoyela ciini?
2. Mikalelo dhoovikoyelana dhizunzile weyo siivi?
3. Ciini enkosiwa na kobiri enkoyiwa?
4. Ovikoyela munamudhini kwa makamaka sabwa nni?



### Osunzevi

## Mapadduwo munamudhini mwaga

Anamudhi ooteene akana mapadduwo. Mapadduwoya athu anddimuwa anowasunziya ayima alabiyaga dhicilrapi, dhimariya na dhicilrapini.

Abibi anowaddela dhoopadduwa dha anamudhi ababi, ababiya agamala anowaddela ana awa.

Mapadduwo anamudhi anowikiwa mwezinddiyeloni ya mudhidhi.

Ezinddiyelo ya mudhidhi mukwereto woonyala ontonya mapadduwo amakamaka, niga siku na nibaliwo, siku nivolowile muthu oxikoola, siku nolupela saka ya Kalasi ya Neraru.

**Mpimo wa mudhidhi** – mutadelo wapaama wa mudhidhi.



### Ntapulelo na mazu

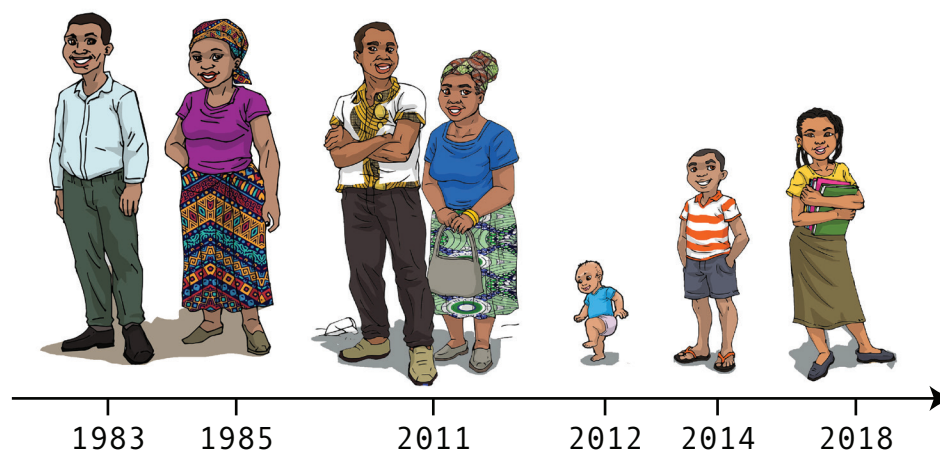
**Dhicilrapini** – muthaka onloga dhoohipadduwa dhinlabela wawaredhiya athu.

**Dhicilrapi** – muthaka onloga dhipadduwile, dhoowitiwa na dhoowubuwela omodhawene.

**Dhimariya** – mazu ogwaddela ansunziya viina anlaga.

## Ezinddiyelo entonya mudhidhi wa mapadduwo na amudhi aga

Obaliwa wa babani	Obaliwa wa mmani	Otelana wa babani na mmani	Obaliwa waga	Obaliwa wa murogora aga	Ovolowa waga muxikoola	Osunza kalasi ya nawunayi
1983	1985	2011	2012	2014	2018	2021



**Nladdaniyo 15:** Ezinddiyelo entonya mudhidhi wa mapadduwo munamudhini



### Koona akala oyinelamo

1. Na nikamiyedho na ababo obe na amambali wawo, olebe mapadduwo amakamaka amudhi awo.
2. Olebe ezindiyelo entonya mudhidhi wa mapadduwo na amudhi awo.
3. Olebe mukaderinoni mwawo mapadduwo na amudhi awo ozinddiyelaga malabo a mapadduwo na nikamiyedho na amudhi.



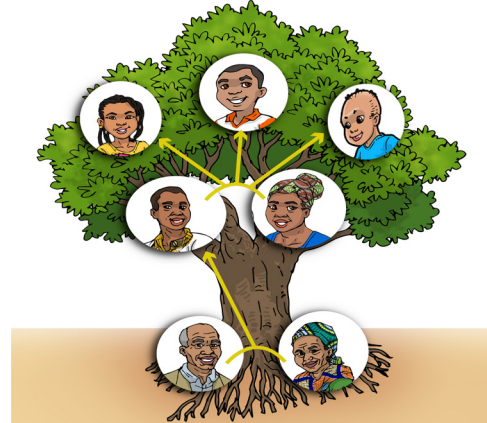


## Ezinddiyelo jeneyaloojiku na anamudhi

### Ezinddiyelo jeneyaloojiku na anamudhi

Ezinddiyelo jeneyaloojiku mulebo ona mukalelo wa muri munzinddiyeliwa anamudhi ooteene na mwithanelo wawa.

Anamudhi anogumaniyiwa mmakuruni na abibi, ababi viina ayima



Nladdaniyo 16: Muri wa geneyalogika wa anamudhi




## Koona akala oyinonelamo

Wang'anaga nladdaniyo nintonya ziza nili odhulu, okose mulebo wa ezinddiyelo jeneyaloojiku omudhi wawo.



## Ddisunza wi:

- Munamudhini munofwanyela okalamo okwelana, nriyo, viina owiwanana.
- Munamudhini mweteene mukala mapadduwo ansunziyiwa athu anadhegewo.
- Mapadduwo a munamudhini anolagiyiwa mwezinddiyeloni entonya mudhidhi.
- Ezinddiyelo jeneyaloojiku ja makamaka sabwa wi enokamiyedha oziwa ondelo anamudhi.
- Ninovikoyela nigalabiyedhaga paamene dhilobo dhoothiyathiyana ninga kobiri, manje, ceza na dhinaguwa.



## Esekeso ya mmasunzoni

1. Osaziye mukaderinoni mwawo, ogamala wike (E) vali Ebaribari obe (O) vali ooteene muddimani dha mazu dhinfwarela:
  - a) Nikuru na athu ninkala vamodha viina ninja vamodha malabo oteene ninithaniwa anamudhi.
  - b) Anamudhi nikuru na athu ana nikami nimodhene, ateleni obe muthu orumeliwe munamudhini.
  - c) Anamudhi athu ahiziwana viina ankala nyumba modhene.
2. Olebe mathiyanelo a onamudhi anziwa weyo.
3. Ologe mupadduwo a amudhi awo.
4. Oromole:
  - a) Dhoowira tharu dha anamudhi.
  - b) Dhilobo tharu dhinafwanyelela ayima.
5. Osaziye mukaderinoni wawo ddima dha mazu, ogamala wakwaniye mimburo dhinjomba:
  - a) Onamudhi bwa makamaka sabwa \_\_\_\_\_ oderetu wa \_\_\_\_\_ oteene.
  - b) Pu munamudhini munsunziwa \_\_\_\_\_, omukwela mwanddamani \_\_\_\_\_ viina mwimelela.
6. Osaziye mukaderinoni mwawo ddimadhamazudhinfwarelana, ogamala wike X ddima ya mazu yoofwanyelela.
  - a) Munamudhini muthu-muthu onthonga miladdo ninga munfunela iyene.
  - b) Munamudhini miladdi dhintongiwa na ologa.
  - c) Munamudhini enloga muthu mwinaguwa kinfwanyelela elo.
7. Ovikoyela ciini?
8. Mwego gani munikiwa kobiri envikoyela iyo?
9. Ologe mupadduwo a anamudh awo.
10. Okose mulebo wa Ezinddiyelo jeneyaloojiku na omudhi wa uddayi awo.

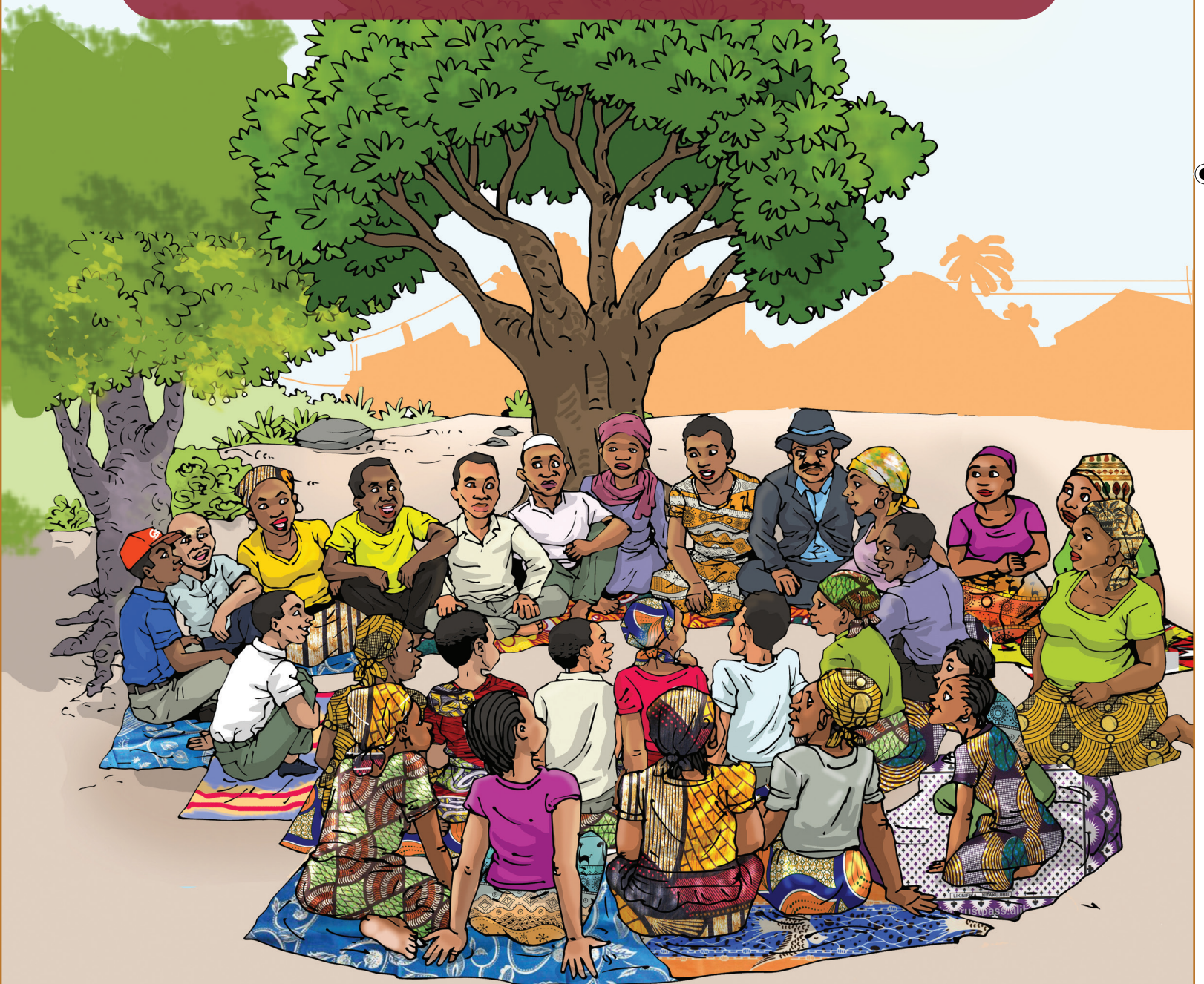


# DDIMA YA MASUNZO 2

## MMURUDDANI

Namasunza onofwanyela aziwe:

- Otapulelamo dhisangu na dhilemelelo dha mmuruddani mwaye;
- Oriya muthiyanelo wa athu;
- Ozinddiyela mabasa ankaliya athu anthiddiwa mmuruddanu mwaye.





## Osunzevi

## Dhisangu na dhilemelelo

Dhisangu na dhilemelelo merelo viina magano a nlogo na mmuruddani ansunziyiwa athu mwa masaka anadhegewo.

Dhisangu na dhilemelelo dhinkosa epaddi ya mukalelo wa nlogo viina ezamani.

Mathanga anvahedhelana obaliwa, otelena, dhooja, jibo, macethelo, na mikutho dhinkosa epaddi ya dhisangu na dhilemelelo.

Ezamani enofwanyela othithimiyiwa viina obareliwa wi mweddelo wehu okalewo na okalawo wene.

Ninga mutonyo, elemelelo ya mmuruddani mwehu ayana omaga lenso mmusolroni viina osekereka guwo malabo ooteene.



### Ntapulelo na mazu

**Ezamani** - yeddelo, dhisangu na dhilemelelo dha athu a wale na amarafula.

**Osekereka** - omaga guwo.



### Nladdaniyo 1: Dhisangu na dhilemelelo dha mmuruddani





### Koona akala oyinonelamo

1. Dhisangu na dhilemelelo ciini?
2. Oromole dhisangu na dhilemelelo biili dha mmurudani mwawo.
3. Otapulelemo mathanga a matelo a mmuruddani mwawo.
4. Olebe nladdaniyo nintonya mathanga a matelo a mmuruddani mwawo, ogamala osigiye malremba.



### Osunzevi

## Dhooja: Masasanyedho, Mapiyelo na Dhipano Dhoopiyana.

Wila athu akalewo enofuneya oja. Dhooja sa makamaka sabwa wi dhinoniwuunuwiya, dhinonivaha guru dhoovegana, guru dhoolabana viina okalawo na egumi.

Dhilemelelo dhooja dha mwilaboni mwewo dhinotiyana murudda na murudda.

Murudda owaddamele bara, munsapiwa, okana elemelelo ya mapiyelo a oba ninga mukamba, kala na dhinaguwa.

Muruddaohiwaddamelebara, munojiwamikwani dhoothiyana-thiyana dhimpiyiwa na mandduwi, mwanaku, nyama viina oba yoowuma.

Mmuruddani, mapiyelo aba anjiwa na muradda wa nambedde, muradda wa fwalrinya, muradda wa mbuga obe muradda wa mavila.

Wanga'ne maladdaniyo ali muciddo:



**Nladdaniyo 2: Dhooja dhimpiyiwa mmuruddan**

Mmasasanyedhoni a mapiyelo vanolabiyedhiwa dhoobo ninga: biya ya mathaka obe biya ya aliminyu, nibadda, fugawu ya makalra, fugawu ya gaji, obe fugawu enlaba na ceza na dhinaguwa. Mmiruddani dha muthemba dhooja dhimpiyiwa na kuni.



**Nladdaniyo 3:** Dhoobo dhinlabiyedhiwa opiya na dhooja

## Mutonyo modha wa mupiyelo wa dhooja dha mwilaboni mwehu

### Othu wa fwalrinya

Wi nisasanye othu wa fwalrinya ja makamaka omusuwa fwalrinya, omutuwa viina osuwa wiilimo, omurara fwalriya ogamala okambulra wi manjeya awuguwemo.

Ogamala okambulra manjeya, makasikaya a fwalrinya anowarigiwa wi akale othu onjiwa na nyama, oba obe mukwani.



### Mabingiyo

1. Dhooja gani dhimpiyiwa mmuruddani mwawo?
2. Dhoobo gani dhinsasanyedhiwa na dhooja mmuruddani mwawo?
3. Thima ena dhooja jiivi?
4. Otamele mupiyelo modha wa dhooja wa mmuruddani mwawo, ogamala walagiye akwa awo.
5. Ologe ecirapi eyiwale weyo mmuruddani mwawo



## Osunzevi

## Guwo na dhookoddeliya

Dhaabalo guwu dhinabala iyo. Athu anowabala na mikalelo dhoothiyana, na muruddaya, nsaka, wuunuwa, mabasa, maso, na vegova obe vamathanganiva. Ninga enlagiya, anamasunza agadhowaga oxikoola onomwabala uniforime vano namasunziya onowabala bata yoocena. Mataba oceena viina anowabaliwa na amediku, enferemero na athu enaguwa. Aliba politika, anyakoddo na anamalaba anthimiya motho anowabala fwarida. Masiku a mathanga athu anowabala dhaabalo dhoothiyana. Mwilaboni mwewo athu akana mwabalelo othiyana, wang'anaga vegova obe vamathanganiva. Ninga mutonyo, namasunza agadhowaga oxikoola onowabala uniforme vano agadhowaga omathangani onowabala guwo dhoothiyana na uniforumi.

Mwabalelo wa athu mwilaboni mwewu onothiyana murudda na murudda.

Mmiruddani dha omadhulu na mmiruddani dhaddamele bara dha elabo yehu, sabwa ya omwenyi, alobwana anabaleca malaya vano ayana anabaleca guwo dha malremba othiyana.

**Nladdaniyo 4:** Namalaba onthimiya motho



## Ntapulelo na mazu

**Nibadda:** - yoobo ya vatakulu enlabela otida na mbuga, nambedde, magagadda na dhinaguwa.

**Nibadda na mathaka** - yoobo ya vatakulu, ensasanyiwa na ddongo obe sementi, enlabela ocila thaga ninga manduwi, nambedde, mbuga, cibamba na dhinaguwa.



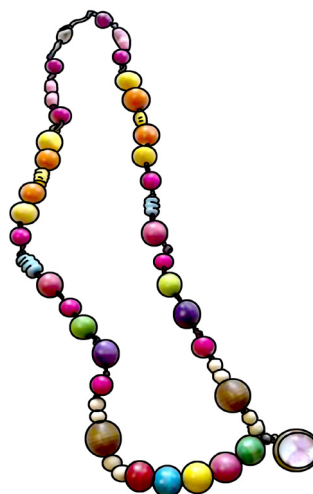
**Nladdaniyo 5:** Dhaabalo dha vamathangani

Mmiruddani dha Varivari na mmiruddani dha Ogusuni ya elabo yehu ayana anabaleca guwo ya mutapu na lenso vano alobwana anabaleca kalisa na kamiza.



**Nladdaniyo 6:** Dhaabalo dha vamukuthoni

**Dhookoddeliya** dhitagano dhinlabela omukoddeliya muthu, mburo na dhilobo dhinaguwa. Ayana aMosambiki anowabala puruselra, osanga, kalravo, pethe, na dhitagano dhinaguwa dhookoddeliyana maningo.



**Nladdaniyo 7:** Dhookoddeliya



Anamacetha a nzona na Mapiko, a nzoma na Nyanga viina a nzoma na Xigubo na ayesa enaguwa anowabala masekere ali etagano yookoddeliya viina enruma.



### Ntapulelo na Mazu

**Dhaabalo** - Conjunto de peças necessárias para uma pessoa se vestir.

**Dhookoddeliya** - Dhitagano dhinlabela okoddeliya maningo a muthu, mburo na dhilobo dhinaguwa.

**Masekere** - dhitagano dhinkoddeliya viina dhinruma dhinabaliweca na ayesa othiyana.



Nladdaniyo 8: Nzoma na Mapiko



Nladdaniyo 9: Nzoma na Xigubu



### Mabingiyo

1. Alobwana na ayana a mmuruddani mwawo anabala dhaavi?
2. Oromole dhitagano tharu dhookoddeliyana maningo dhinabaliwa na ayana a mmuruddani mwawo?
3. Munikuruni, olege makani na anamsunza akwawo mwaha wa guwo dhinabaleliwa mimburo dhoothiyana.
4. Olebe dhoowubuwela mwaha wa guwo dhinabala weyo siku na siku viina ogadhowaga omathangani.



## Osunzevi

## Mavego

Mavego a ezamani mikalelelo dhoowaredhana obe dhoovegana mudhidhi ohinamuthueloboefwanyela okosiwa.

Elabo yehu erela mwa mavego a ezamani anthiyana murudda na murudda. Mukala mavego a alobwana, mavego a ayima viina mavego a athu a thalro dhoothiyana-thiyana.

Ninga mutonyo: Nchuva nivego ninkosiweca na analobwana, vano aneka nivego ninkosiweca na anayana.

Mavego a ezamani ba makamaka sabwa wi anonizinddiyela, anonikamiyedha obarela viina okoya meddelo na mupadduwo a mwilaboni mwewu.



## Ntapulelo na Mazu

**Dhaabalo** – Guwo dhinabalela muthu okoya maningo.

**Dhookoddeliya** – Dhitagano dhinlabela okoddeliya maningo a muthu, mburo na dhilobo dhinaguwa.

**Masekere** – dhitagano dhinkoddeliya viina dhinruma dhinabaliweca na ayesa othiyana.



**Nladdaniyo 10:** Apali bagavega nchuva



**Nladdaniyo 11:** Anamwali bagavega anddeka

## 1. Tabela eli muciddo enolagiya mavego

Murudda	Mavego
Osuguni	muravarava, nchuva, mbalele mbelele
Vari-Vari	mata-mata, nyarumbi, atawudi, sabarare, samagwe, suwa, saka, navitavita,
Omadhulu	xeya, olupa kabala

**Mabingiyo**

1. Olebe mitonyo miili dha mavego ankosiweca mmuruddani mwawo?
2. Olebe Magano a nivego nimodha na mmuruddani mwawo.

**Ddisunza wi:**

- Dhisangu na dhilemelelo merelo anazinddiyela athu a nlogo nimodhene vamuruddani.
- Masasanyedho na mapiyelo a dhooja anothiyana murudda na murudda.
- Egumi yehu endela mwa othiyaniya dhooja.
- Mmiruddani dhooteene, guwo yabalo enabaleliwa mathanga othiyana.
- Mwabalelo wa muthu onothiyana nang'anaga vandowa iyene.
- Mavego mikalelo dhoowaredha dhinkosa muthu yeka obe munikuruni.
- Mavego a ezamani ba makamaka sabwa wi anonizinddiyela.



## Osunzevi

### Mutonyo wa Ecilrapi

Werilege kerilege dhawene, werige ddi nyakungu waligi malro wa namarogolo.

Nlabo nimodha, thangwe na namarogolo ahilagana wi athukulena awelagana ondduni wi adhowe murudda-muruddu waziwiya athu wi awene amalro vaddiddi.

Thangwe ddiromile omutheba malrowayenamarogolo. Omuthukala ondduni mpakammiruddani vano mooniwani ahivuziwa na athu:

Thangwe, ciini ethebile weyo ondduni?

Ddinimudhana mukwaga odhile ovanene oMakivale. Dhahene, omweddana malro waye mundduni mpaka mirudda dhinjidhene.

Muvirile mudhidhi wa thangwe, ohifiya mudhidhi wa namarogolo omutheba mukwaye ondduni. Aviraga mudda modha namarogolo ohivuziwa na athu:

Namarogolo, ciini ethebile weyo ondduni?

Apalrimwe! Ddithebile anama yootakala vaddiddi ena mathenga na mulomo munddimuwa – warumela ddi namarogolo omusolraga mukwaye thangwe.

Thangwe kaziweliwe na mazu aloga namarogolo amusolraga na mukalelo obule, iyene olupa ondduni wa namarogolo wali iyene, ovenya venevale omalro wawa ofudheya.

*Osasanyedhiwa*

*Fonte: Baú de textos – contos moçambicanos*



### Ntapulelo na mazu

**Cilrapini** - muthaka mung'ono wa dhoopadduwa ona anamaloga ang'onovi.

**Ecilrapi** - muthaka woolebiwa obe woologiwa wa dhoopadduwa dha mmuruddani dhintapulela ebaribari obe othambi.

**Emariya** - mazu ogwaddela ansunziya viina anlaga.



## Ecilrapini

Siku nimodha na mathiyu, bibini Tirigu owaddela mudhulu wahe mwaha dhapadduwa mwari mwa maningo a muthu. Iyene ohiloga eraga:

Mwari mwa maningo ehu muhikala minyinga miili dhiwanami kani. Munyinga modha bwa buru, munyingaya ddi osilidhiwa, nciga, aje, okubanya, masoso, osirila, ovithukulela na othambi. Munyinga mwinaguwa dda deretu, musingaya ddi oziveliwa, murenddele, ekuluvelo, ofwaseya, omuthu, opaama, supaje na ebaribari.

Mudhulu avuruwanaga dhaloga bibe omala awuubuvelaga, nomala onvuza:

Munyinga ompembelra kaniya dduvi?

Bibe omurumela mudhulu waye eraga:

Munyinga ompembelra ddule onimuvuruwana weyo.

*Osasanyedhiwa*

*Endela: lendas de vida*

## Mutonyo wa dhimariya

- Meento meeli mariganela.
- Goddo kanjiwa, onjiwa ddi waku.

*Endela: provérbios populares*

## Mmiruddani dhooteene, nzoma thi nzoma ninocethiwa na jibo viina dhipano dha jibo



**Nladdaniyo 12: Nzoma na Mapiku**



**Nladdaniyo 13: Nzoma na Tufu**

Dhipano dha jibo	Porovinsiya
Masekere	Kabu Delegadu, Niyasa, Zambeziya na Inyambani
Sekere	Maputu, Gaza, Tete, Nampula, Zambeziya na Niyasa
Filrofilro	Maputu, gaza, Kabu Delegadu, Nampula na Zambeziya
Pankwe	Kabu Delegadu, Niyasa na Nampula
Kanyembe	Kabu Delegadu, Niyasa, Nampula, Zambeziya, Tete na Inyambani
Piyane	Gaza
Bangwe	Sofala
Mambilra	Inyambani na Zambeziya
Malimba	Tete
Valimba	Manika, Sofala na Tete
Ng'oma ya Nyanja	Niyasa
Ng'oma ya Mapiko	Kabu Delegadu
Ng'oma ya Tufu	Nampula
Xikoviya	Gaza

**Tabela: Dhipano dha jibo**



**Nladdaniyo 14: Dhipano dha jibo**



### Wanziwa wi:

**Mambilra niremba nahindduwaleya na athu oteene.**

Elabo yehu erela mwa meddelo a ezamani. Mmiruddani mitonyiyedho esi dha meddelo dhinosunziya thima na merelo anfwanyela oriyiwa viina obareliwa



### Mabingiyo

1. Oromole mazina a mazoma a mmuruddani mwawo.
2. Wibe jibo modha ya mmuruddani mwawo.
3. Walagiye akwawo a mmasunzoni nzoma nimodha na mmuruddani mwawo.
4. Wengesele ecilrapi eli vanikukuni [X], ogamala ologe entapulelani.
5. Olebe nladdaniyo ninimutonya namaloga wamakamaka wa ecilrapi



## Osunzevi

### Mikutho na mathanga

Mikuthu omodha wa mathanga ankosiwa mmawani.

Mathanga mikalelo dhintonyiyedha oriya na othabela wa ezamani.

Mmuruddani, athu anoriya midhidhi dhookalawo wa athu ninga: obaliwa, mathanga a mabaliwo, onamwali, matelo na okwa.

Anamudhi anothiyana, noona, mikuthu viina mathangaya a midhidhi dhookalawo wa athu anodhaga othiyana, ninga enziweyani wi mumwalini

anamudhi enaguwa, muyana agakala namwali athu anddimuwa anologa makani na namwaliya, mwa analobwana anolagiwa maha mikalelo dhoovinanela oromana mudhidhi onvolowani muzombweni.

Mwa anamudhi enaguwa mwana aga kala namwali obe mwanamulobwana agaroma ovolowa muzombwe onoperekiwa wi acetheliwe na anddimuwa omwalini wila osongolro akale mmuruddani ninga muthu woocetheliwa.



**Nladdaniyo 15:** Mathanga a matelo

- othabeliwa wa mathanga a nibaliwo – vathaddo, muyana ogilateivampaddoni agamuthiddelile mwana mmadani, ayana na alobwana acethaga.

- mathanga obaliwa wa mwana.
- mathanga a pethe dha matelo.

### Koona akala oyinonelamo

Mmuruddani muhikala midhidhi dha makamaka mukalani mwa athu. Osakule mudhidhi modha wa makamaka, ogamala otapulelemo mukalelo onthabeliwani mmuruddani mwawo.





## Osunzevi

### Malogelo a mmuruddani

Nilabiyedhaga elogelo iyo ninosunza oleba, ologa dhicilrapi, wiba viina ologa makani na athu enaguwa. Noona, elogelo epano ya makamaka enlabiyedha athu wi alogena.

Mwilaboni mwehu muhikala malogelo menjedhene, vano malogelo otene ba makamaka sabwa wi anokosa epaddi ya yedelo yehu, noona anofwanyela oriyiwa viina obareliwa.

Ezugu elogelo elamuliwe na guverino wi ekala ezinddiyelo ya malogo oteene a elabo yehu. Noona, Ezugu elogelo enagumaniya athu oteene a mwilaboni mwehu mumodhani, sabwi wi enowakamiyedha athu a malogo othiyana a mMusambiki wiwanana.

Othiya Ezugu, mwilaboni mwehu munologiya malogelo 20 a mMusambiki ali mukwaduruni enfwarela:

Língua	Elogelo	Porovinsiya munlogiwani
1.	Kimwani	Kabu Delegadu
2.	Swahili	Kabu Delegadu, Niyasa
3.	Ximakonde	Kabu Delegadu
4.	Ciyaawo	Niyasa na Kabu Delegadu
5.	Emakhuwa	Nampula, Niyasa, Zambeziya na Kabu Delegadu
6.	Ekoti	Nampula
7.	Elomwe	Zambeziya na Niyasa
8.	Echuwabo	Zambeziya na Sofala
9.	Cindawu	Sofala, Inyambani na Manika
10.	Cinyanja	Tete, Niyasa na Zambeziya
11.	Cinyungwe	Tete
12.	Cisena	Sofala, Manika, Tete na Zambeziya

13.	Xona	Tete
14.	Ciwutee	Manika
15.	Cimanyika	Manika
16.	Gitonga	Inyambani
17.	Citshwa	Inyambani
18.	Cicopi	Inyambani na Gaza
19.	Xichangana	Maputu, Gaza na Inyambani
20.	Xirhonga	Maputo



### Mabingiyo

1. Elogelo ciini?
2. Weyo onloga elogelo gani?
3. Ciini ewodha okosiwa na elogelo?
4. Elogelo gani elamuliwe wi ekale ezinddiyelo ya elabo yehu?
5. Muthengo wa dhilogelo dha Musambiki dhinlogiwa mwilaboni mwehu buuvi?
6. Thima gani ena elogelo?
7. Malogelo magasi anloga weyo vatakulu?
8. Malogalo gani anlogiwa mporovinsiyani mwaho?
9. Malogelo gani anlogiwa mmuruddani mwaho?



### Ddisunza wi:

- Mitonyiyedho dha meddelo dhinosunziya thima na merelo anfwanyela oriyiwa viina obareliwa.
- Ezugu elogelo elamuliwe na guverino wi ekale ezinddiyelo ya malogo ooteene, a mMosambiki.
- Elogelo etagano ya makamaka enlabiyedha athu onologana viina wiwanana.

## Esekeselo ya mmasunzoni

### 1. Wang'ane mazu aba otaganyiyeya ali mukwaduruni

Lenso	Merelo	Modha	Mathanga	Wehu
Anofwanyela	Athu anadhegewo	Mweddelo	Mmuruddani	Dhooja
Mikutho	jibo	Dhinzunziyiwa	Obarela	Ayana

- Osaziye mukaderinoni mwawo mazu otaganyiyeya ali mukwaduruni.
- Wike ✓ mazu anloga sabwa ya dhisangu na dhilemelelo dhewo

### 2. Osaziye mukaderinoni mwawo ddima dha mazu dhili muciddo, ogamala wakwaniye mimburo dhinjomba:

- Mmiuruddani dhaddamela bara \_\_\_\_\_ okana elemelelo ya mapiyelo a oba ninga \_\_\_\_\_, mapula, na dhinaguwa.
- Mmiruddani \_\_\_\_\_ onojiweca \_\_\_\_\_ dhoothiyanathiyana dhimpiyiwa na manduwi, \_\_\_\_\_ viina oba yoowuma.

### 3. Mwaha dhaabao dha mmuruddani mwawo wakule mavuzo aba:

- Dhaabalo gani dhinabala alobwana?
- Dhaabalo gani dhinabala ayana?

### 4. Ayana na alobwana anowabala dhitagano dhookoddeliya.

- a) Dhitagano dhookoddeliya ciini?
- b) Dhitagano dhookoddeliya dhinlabela nni?
- c). Oromole mazina a dhitagano dhookoddeliya dhinziwa weyo.
5. Mavego a ezamani na mavego menaguwa mikalelo dhowaredhana mudhidhi wahina muthu yookosa.
- a) Mavego a mmuruddani mwawo baavi?
- b) Otapulelemo gano dha nivego na mmuruddani mwawo.
- c) Thima gani ena mavego?
6. Dhizinddiyelo dha ezamani ciini?
7. Oromole mitonyo minayi dha dhizinddiyelo dha ezamani dha mmuruddani mwawo.
8. Elogelo gani elamuliwe wi ekale ezinddiyelo ya malogo oteene a elabo yehu?
9. Thima gani ena elogelo?



# DDIMA YA MANSUNZO **3**

## XIKOOLA

Namasunza onofwanyela aziwe: :

- Oziwa vankala xikoola;
- Ologa mapadduwo a oxikoola;
- Osoriya magano na malamulo a oxikoola
- Oleba ezinddiyelo entonya mudhidhi wa xikoola yawo.

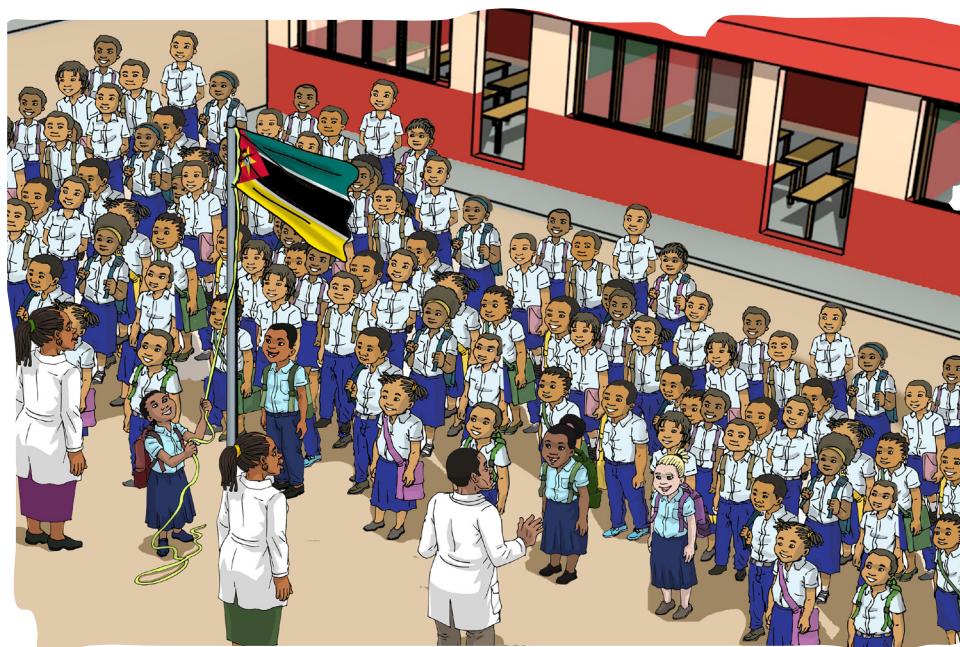




## Osunzevi

Xikoola mburo munsunziwa wengesela, oleba, wengesa, ovega, wariya anamasuza akwawo, wariya anamasunziya, viina wariya masiku oteene athu ankosa epaddi ya mutugumano vaxikoola.

Xikoola mburo viina oniriwa mabasa othiyana-thiyana, mavego na meddelo a azamani.



### Nladdaniyo 1: Anamasunza na anamasunziya amwibaga Inu Nasiyonali

Malabo ooteene masunzo ahinathi oroma, anamasunza na anamasunziya anotugumana vathaddo ya xikoola wi atomeye bandera viina amwibe inu nasiyonali dhili dhilobo dhinzinddiyela elabo yehu yookweleya.

Muxikoola munowiriwa mabingiyo othiyana-thiyana munyumbani ya masunzo viina vathaddo.

Wang'na maladdaniyo [X] ogamala watapulelemo.



### Ntapulelo na mazu

**Otomeya** - oweliya elobo vadhulu obe wika elobo vadhulu va elobo yinaguwa.

**Wiba** - otomola jibo.

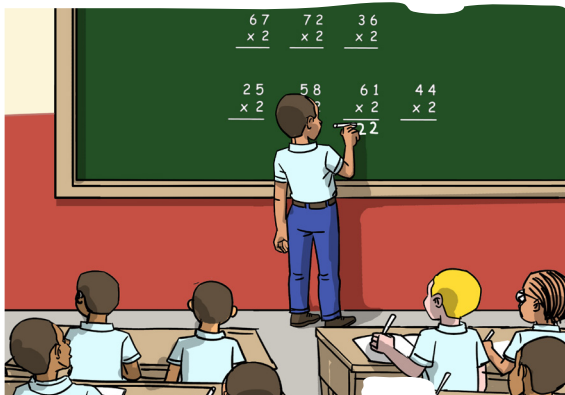
## Vankala xikoola

Dhixikoola dha mwilaboni mwehudhinkalammuruddani, mwalideya, viina mmuthetheni. Wafunaga ologa vankala xikoola yawo, enofuneya oromola nzina na murudda obe lokalidadi, poxito ya dixitiritu, kwathiya, muthetheya vina porovinsiya enkalani.



**Nladdaniyo 2:** Anamasunza bagakosa mabasa a mmakuruni

Ninga mutonyo: Xikoola Yoowakwana ya Oroma ya Sete ya Abirili enkala Opoxitu adimixitarativu ya Muxungwe, dixitiritu ya Xibabava, oporovinsiya ya Sofala.



**Nladdaniyo 3:** Anamasunza akosaga ntamelo okwaduruni



**Nladdaniyo 4:** Anamasunza alupaga nddeka



## Mabingiyo

Wakule mavuzo ali muciddo:

1. Xikoola yawo enkala uuvi?
2. Wike X mburo onkala xikoola yawo:

Alideya

vila

oboma

3. Olebe dhoowubuwela mwaha wa xikoola yawo.





## Osunzevi

### Mapadduwo a vaxikoola yaga

Xikoola modha modha ekana mapadduwo anlogiwa obe anlebiwa na muthu.

Wafunaga ologa mapadduwo a xikoola yawo kudduwale oromola vankalani, yaka emagiwe xikoolaya, nzina na mwimeleli wa xikoola, nzina na namasunziya wawo viina ntapulelo na nzina na xikoola yawo. Wi oziwe dhilobo esi enofwanyela onvuza anamasunziya obe namalaba wakalayi vaxikoola.



**Nladdaniyo 5:** Namasunza amukosaga mavuzo namalaba vaxikoola

Mapadduwo a Xikoola ya Oroma ya Kalimani enowukamiyedha oleba mapadduwo a xikoola yawo.

#### Mapadduwo a Xikoola ya Oroma ya Kalimani

Xikoola ya Oroma ya Kalimani enkala porovinsiya ya vaZambeziya, muthethe wa vaChuwabo, murudda wa Kansa.

Xikoola eji emagiwe yaka ya 1995, nsakanene ntho yana nyumba biili dha masunzo mwasunziyiwa saka ya 1ma mpaka saka ya 7li.

Mwimeleli wa oroma vaXikoola eji wethaniwa Ana Mariya da Koxita Ferera Parisotamu.

Dhaaka dha 1997 na 1998, dhimagiwavo nyumba dhinaguwa dha masunzo, muromiwe osunziyiwa Kalasi ya 8, Kalasi ya 9 na Kalasi ya 10.

Mwa dhaaka 2020 Xikoola ya Oroma ya Kalimani yana nyumba 19 dha masunzo.





## Osunzevi

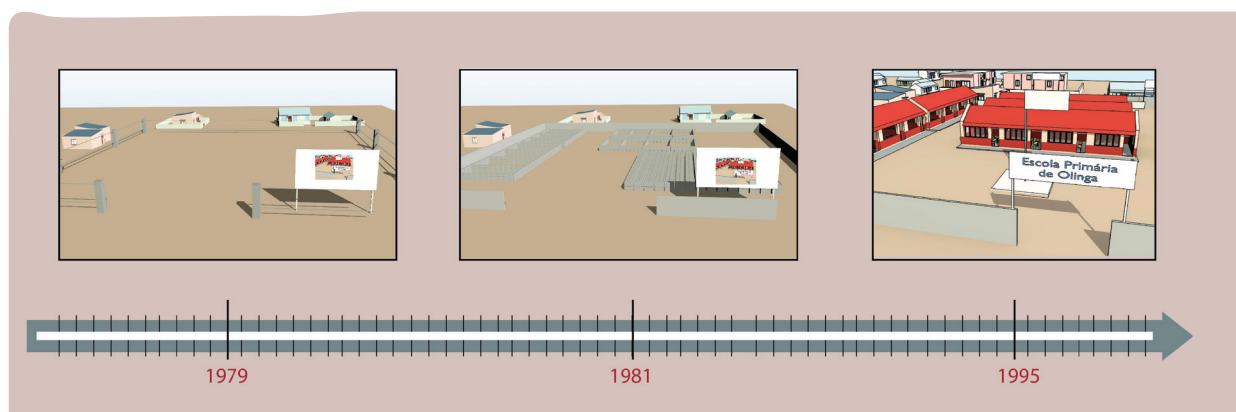
# Ezinddiyelo entonya mudhidhi wa mapadduwo a xikoola

Mapadduwo a makamaka a oxikoola na mapadduwo a okalawo wewu anowikiwa mwezinddiyeloni entonya mudhidhi.

Wi olebe ezinddiyelo entonya mudhidhi wa xikoola enofuneya olabiyedha vakula wa mavuzo wa mapadduwo a xikoola yawo.

Olebe mukwereto woonyala, muyakani 5 na 5, olebemo malabo a mapadduwo a makamaka a xikoola yawo.

Nladdaniyo 2: – ezinddiyelo entonya mudhidhi wa mapadduwo a makamaka a xikoola: olebemo yaka emagiwe xikoola viina yaka emagiwe nyumba dhinaguwa dha masunzo.



**Nladdaniyo 6:** Ezinddiyelo entonya mudhidhi wa mapadduwo a xikoola



## Nibingiyo

1. Wavuze anamasunziya na anamalaba akalayi a vaxikoola otamelaga oziwa mapadduwo a xikoola, olabiyedhega mutonyo oli muciddo.

### Mapadduwo a xikoola

Nzina \_\_\_\_\_ na \_\_\_\_\_ xikoola \_\_\_\_\_  
vankalani \_\_\_\_\_ yaka emagiwani \_\_\_\_\_ muthengo  
wa nyumba dha masunzo \_\_\_\_\_ yaka emagiwani  
na muthengo wa saka dhinsuziyawo \_\_\_\_\_.

### Ovanene

Nzina na mwimeleli wa xikoola \_\_\_\_\_  
muthengo wa anamasunziya \_\_\_\_\_ muthengo  
wa manyumba dha masunzo \_\_\_\_\_ muthengo wa  
anamasunza \_\_\_\_\_ muthengo wa saka dha 4yi  
dhinsuziyawo \_\_\_\_\_ muthengo wa anamasunza  
ali munyumbani yawo ya masunzo \_\_\_\_\_ nzina na  
namassunziya wawo \_\_\_\_\_.

2. Olabiyedhe wakuliwa wa mavuzo wi olebe mupadduwo a xikoola yawo.
3. Olabiyedhaga vakuliwa wa mavuzo, olebe ezinddiyelo entonya mudhidhi wa mupadduwo a xikoola yawo.

## Esekeselo ya mmasunzoni

1. Osaziye mukaderinoni mwawo ddima dha mazu dhili muciddo, ogamala wike X ddima ya mazu enloga ciini xikoola.

Xikoola bu:

- a) Mburo onkala athu.
  - b) Mburo onlebeliwa anamasunza.
  - c) Mburo onsunziyiwa oleba, wengesela, wengesa na dhinguwa.
  - d) Mburo ona nyumba dha masunzo.
2. Xikoola yawo enkala mburo gai?
  3. Olebe na mazu ogwaddela mapadduwo a xikoola yawo.
  4. Olebe ezinddiyelo entonya mudhidhi wa mapadduwo a xikoola yawo.
  5. Ozinddiyele makuru mararu a athu anfwanyela osoriya malamulo a oxikoola.
  6. Thima gani ena malamulo a oxikoola?
  7. Oromole dhoofwanyelela tharu na dhoowira tharu dha namasunza.
  8. Osakuliwa wa mwimeleli wa mmasunzoni onkosiwa dhaavi?
  9. Ciini enfwanyela okosiwa wi xikoola ekoyeye?
  10. Ciini enkosa weyo wi okoye manivuro a masunzo paamene?
  11. Okoya manivuru paamene ona thima gani?
  12. Osaziye mukaderinoni mwawo ddima ya mazu eli muciddo, ogamala wakwaniye mimburo dhinjomba:
    - a. Wi nikalewo na \_\_\_\_\_ ja makamaka athu \_\_\_\_\_ muwuubuwo wa \_\_\_\_\_ modha-modha.
  13. Oxikoola ninrabela miladdu na mukalelo gani?



## Malamulo a muxikoola

Nlamulo na oxikoola gano mulebiwe meddelo anfwanyela osoriyiwa oxikoola.

Muxikoola munosunzamo anamasunza enjene. Athu enaguwa ninga anamasunziya na anamalaba anokosa epaddi ya mutugumano wa vaxikoola.

Mwa athu aba muthu-muthu okana mikalelo dhayedhene dhookala, wuubuwela viina merelo awa-awa. Noona, xikoola enofwanyela okana malamulo.

Muxikoola anamasunza anokalmo asoriyaga malamulo na magano.

Malamulo na magano anofwanyela osoriyiwa na anamasunza, anamasunziya viina anamalaba.

Wi muxikoola mukale murenddele ja makamaka wariya athu ooteene a mmutugumani wa xikoola.

Masiku ooteene wafunaga oboleya epano ya masunzo ya mukwawo enofwanyela omukumbilra.

Akala muxikoola mwawo mukala namasunza mukwawo oli muragali onadduwale omukamiyedha mwa dhooteene dhinfuna iyene.

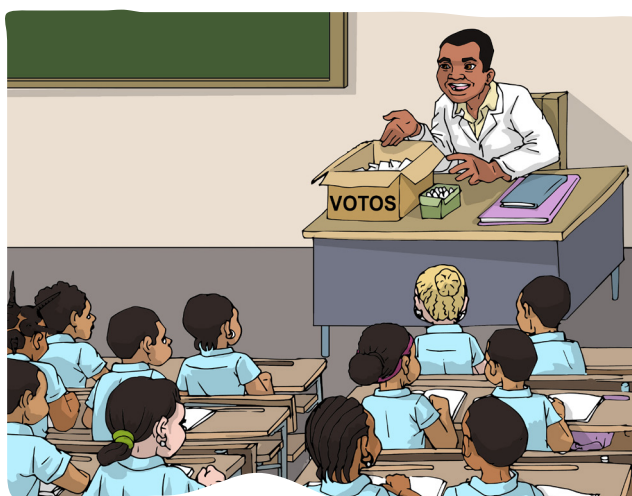
Malamulo a muxikoola ba makamaka sabwa wi anokamiyedha mutugumano wa xikoola okana murenddele, okana nriyo, oriya dhoowira na dhinimufwanyelela muthu muthu.

Tabela eli muciddo mukala dhinafwanyelela na dhoowira dha anamasunza.

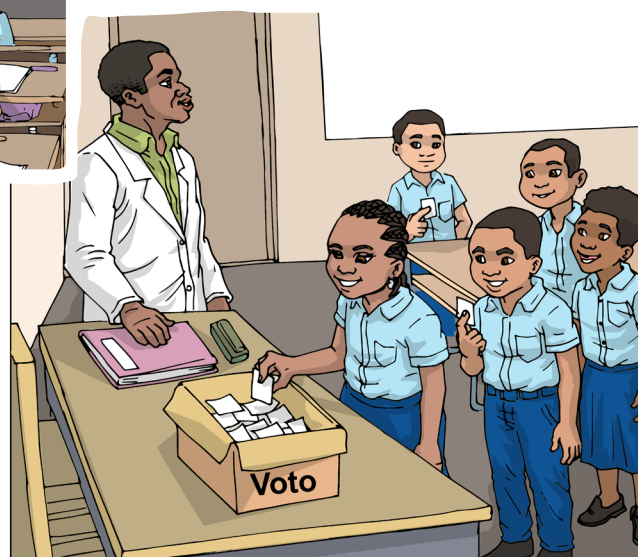
Dhinafwanyelela	Dhoowira
<ul style="list-style-type: none"> <li>• Othambilra masunzo;</li> <li>• Osekesiwa;</li> <li>• Oriyiwa;</li> <li>• Osunza mumburoni moobareleya.</li> </ul>	<ul style="list-style-type: none"> <li>• Owabale unforume;</li> <li>• Ohiyeluwa oxikoola viina mmasunzoni;</li> <li>• Osoriya nikokomedho na anamasunziya;</li> <li>• Okala vaxikoola mpaka mudhidhi wodhowa vatakulu.</li> </ul>

Othiya dhoofwanyelela dhiromoliwe odhulu, namasunza onofwanyela othoma viina othomeliwa.

Othomeliwa onkosiwa na merelo a nsakulano na anamasunza a nyumba modhene ya masunzo. Na nsakulano, namasunza modha onothomeliwa okala mwimeleli wa nyumba ya masunzo.

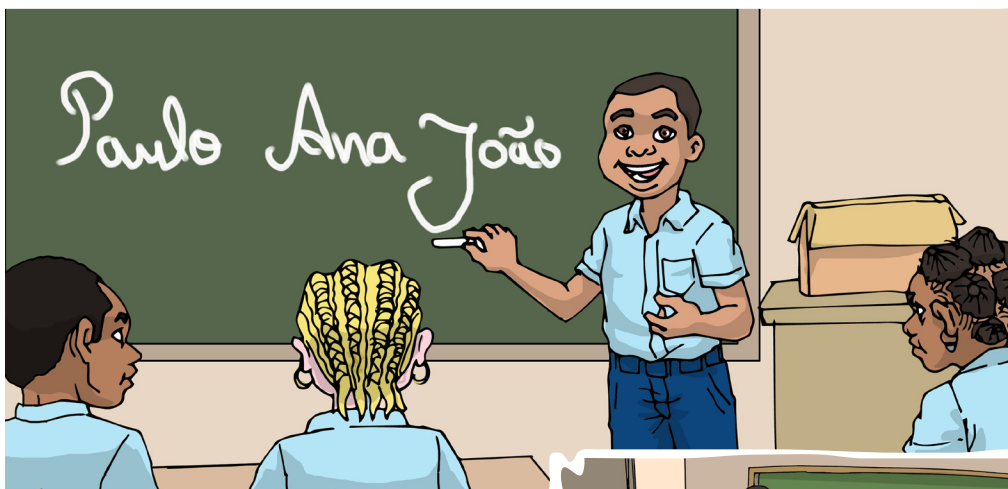


**Nladdaniyo 7:** Osasanyedhiwa wa nsakulano na mwimeleli wa mmasunzoni

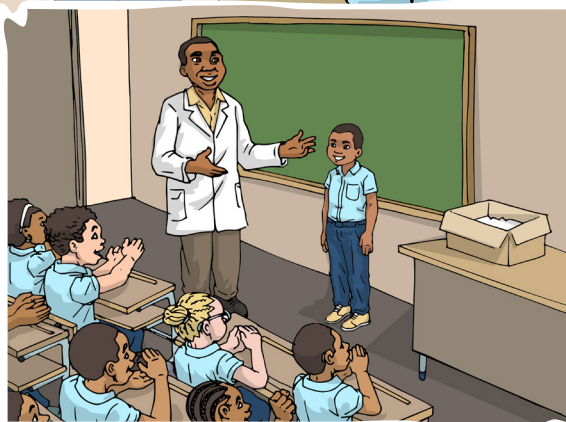


**Nladdaniyo 8:** Nsakulano na mwimeleli wa mmasunzoni





**Nladdaniyo 9:** Oveleliwa wa nsakulano na mwimeleli wa mmasunzoni



**Nladdaniyo 10:** Ononiyiwa wa mwimeleli wa mmasunzoni



### Mabingiyo

#### Wakule mavuzo ali muciddo:

1. Nlamulo na oxikoola ciini?
2. Ologe dhoowira tharu dha namasunza.
3. Ologe dhoofwanyelela tharu dha namasunza.
4. Thima gani ena nlamulo na oxikoola?
5. Osaziye mukaderinoni mwawo ddima dha mazu dhili muciddo, ogamala wike (E) ddima ya mazu muli Ebaribariviina wike (O) ddima ya mazu muli Othambi.
  - a) Murekereyuni kamunvegiwa ( );
  - b) Kinfwanyela oyeluwa oxikoola ( );
  - c) Onamukwadde namasunziya mazu obe malro wa mmasunzoni agalogaga. Ovenyiye nlada viina ojyedhe mudhidhi wawo ofiye ( );
  - d) Owana na namasunziya mukwawo mugakana mubuwelo woothiyana ( ).



## Osunzevi

### Ecibati ya xikoola

Ohisunza wi xikoola mburo wa makamaka, noona vanofwanyela okosiwa ecibanthi. Xikoola ena ecibati, anamasunza anokalamo paamene viina anosunzamo deretu.

Wi xikoola yewu ekale yoobareleya enofwanyela okalavo gwilro, na merelo ninga wika zungu munfwanyelela, oseela nyumba dha masunzo viina vathaddo vaxikoola.

Enofwanyela viina okana ecibati na manivuru anthambilra iyo oxikoola wi anamasunza ena awodhe osunzana dhaaka dhindawo.



**Nladdaniyo 11:** Namasunza avokelaga zungu moofwanyelela



**Nladdaniyo 12:** Namasunza bagakapari nivuru



### Ddisunza wi:

- Nlamulo na oxikoola ninodhana magano na malamulo ankamiyedha mutugumano vaxikoola okalavo murenddele.
- Wi xikoola ekane ecibati enofwanyela:
  - Othiya gwilro nyumba dha masunzo na vatahaddo vaxikoola;
  - Xikoola dhinothiyana ninga munlamula mburo onfwanyiwani;
  - Xikoola modha-modha ehikana mapadduwo awene;
  - - Olabiyedha paamane omahabelo obe osintina;
  - Onatwe maviduru a majanela;
  - Wika zungu mumburoni munfwanyelela.



### Mabingiyo

1. Wang'ane maladdaniyo [X], ogamala olebe mabasa antonyiyedhani;
2. Ciini enfwanyela okosiwa wi xikoola ekane ecibanti?
3. Ninkosani dhaavi wi manivuru a masunzo akale ngwilro?



## Osunzevi

### Oriya muthiyanelo wa athu

Malabo ooteene ninokala vamodha na athu othiyana na iyo mmikaleloni dhinji.

Mikalelo esi dhinoneya mmaningoni, mweddelo, thebe, ekululelo na dhilobo dhinaguwa.

Wi nikalewo na murendele ja makamaka oriya mikalelo dha muthu muthu viina muwuubuvelo wawa.



**Nladdaniyo 13:** Oriya muthiyanelo wa athu



## Mabingiyo

1. Ciini enfwanyela iyo okosa wi nikalewo na murenddele?
2. Olebe dhoowubuvelo mwaha wa mukalelo oxikoola.



## Osunzevi

### Muthongelo wapaama wa miladdu

Muubuwelo, merelo na mukalelo woowakulana dhinotakaliya mweddelo wewo oxikoola viina mmuruddani, masiku menjene, dhilobo esi dhinonitotela miladdu.

Mukalelo wa paama othongana miladdu, orabela kani, wiwelela viina oriya mazu a muthu mwinaguwa.

Ologela makani nthuku na makamaka nithongiwana muladdu bu muladdu, muxikoola, munamudhini obe mmuruddani.



**Nladdaniyo 14:** Ologela makani



**Nladdaniyo 15:** Namasunziya alogelaga makani





### Mabingiyo

1. Wengesele muthaka ologa mwaha wa muthongelo wa paama wa miladdu, ogamala wakule mavuzo:
  - a) Ninwodha dhaavi orabela miladdu?
  - b) Nthuku na mathongelo a paama a miladdu muxikoola thivi?
  
2. Wang'ne maladdaniyo. Nladdaniyo gani nintonya muthongelo wa paama wa muladdu?



### Ddisunza wi:

- Ddinofwanyela wakamiyedha namasunza akwaga egafuneya;
- Ovega na athu oteene ddihimupwazaga muthu;
- Wariya athu oteene;
- Ovuruwana na oriya muwuubuvelo wa athu enaguwa;
- Ologela makani mukalelo wa paama onsokela nriyo na wiwanana.



### Mabingiyo

1. Wengesele muthaka ologa mwaha wa muthongelo wa paama wa miladdu, ogamala wakule mavuzo:
2. Ninwodha dhaavi orabela miladdu?
3. Nthuku na mathongelo a paama a miladdu muxikoola thivi?
4. Wang'ne maladdaniyo. Nladdaniyo gani nintonya muthongelo wa paama wa muladdu?



## Esekeselo ya mmasunzoni

1. Xikoola yawo enkala uuvi?
2. Na mazu mag'onovi, olebe mupadduwo a xikoola yawo.
3. Olebe ezinddiyelo entonya mapadduwo a xikoola yawo.
4. Thima gani ena nlamulo na oxikoola?
5. Oromole dhoofwanyelela tharu na dhoowira tharu dha ayi-  
ma.
6. Ciini enfwanyela okosiwa wi xikoola ekale gwilro?
7. Wakwaniye mimburo dhinjomba na mazu anfwarelana:
  - a. Winikalewona \_\_\_\_\_ enfwanyela \_\_\_\_\_,  
\_\_\_\_\_wawa.
8. Ninwodha dhaavi orabela miladdu?

# DDIMA YA MASUNZO 4

## ELABO YEHU

Namasunza onofwanyela aziwe:

- Ozinddiyela mikalelo dha mathaka a porovinsiya yaye;
- Mikalelo dha athu a malogo;
- Oromola mimburo dha mapadduwo dhili muporovinsiyani mwaye;
- Ozinddiyeladhisangu, dhilemelelo na ezamani yammuruddani;
- Otapulelamo mabasa ankaliya athu anthiddiwa na athu a porovinsiya yaye;
- Ozinddiyela mikalelo dha mpinddu, dhipano dhooweddana na dila munvirani dha porovinsiya;
- Olabiyedha gano dhoovibarelana murampani;
- Ozinddiyela dhizinddiyelo dha murampani;
- Ozonddiyela dhilobo dhinsokela onyongeya wa munkaliwa.





Osunzevi

## Mburo onkala elabo yehu Musambiki

Oziwa vankala mburo elobo ya makamaka vaddiddi. Noona, wi ozinddiyele vankala mburo, enofuneya olabiyedha komo dha elabo, dhili dhitagano dhinkamiyedha oziwa vego vankala mburo bu mburo, komodha dha elabo dhinvahedhelana na dhipaddi dhinooneya nzuwa.

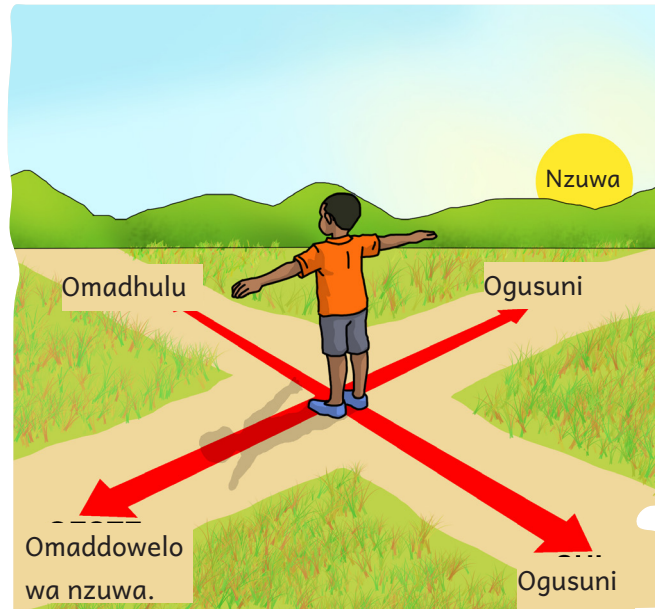
Onzinddiyela dhaavi mburo olabiyedhaga nzuwa?

Okale owimelene vego, ogamala otapulele moonoo wooja epaddi endela nzuwa, epaddiya eji enithaniwa Omapathuwelo wa Nzuwa. Epaddi enkala o moononi wemara enithaniwa Omaddowelo wa Nzuwa. Epaddi enkala osongolro wa maningo enithaniwa Omadhulu, vano epaddi enkala okothi enithaniwa Ogusuni.

Dahene, wi oziwe mburo onkala elabo yehu, enofuneya olabiyedha mapa a Afirika viina oromole maddileya ankala Omadhulu, Ogusuni, Omapathuwelo wa Nzuwa na Omaddowelo wa Nzuwa.



**Nladdaniyo 1:** Mburo onkala elabo yehu



**Nladdaniyo 2: Komo dha elabo**

**Elabo yehu enkala epaddi ya omadhelo wa nzuwa wa Afirika, maddile a elabo yehu baaba:**

Omadhulu – Maddile na Elabo ya Tanzaniya, ankala kobela dha yiko ya Rovuma;

Ogusuni – Maddile na Elabo ya Afirika du Suli

Omadhowelo wa pevo – Maddile na Elabo ya Malawi viina Zambia;

Omaddowelo wa nzuwa – Maddile na Elabo ya Eswatini, Afirika du suli na Zimbabwe;

Omapathuwelo wa nzuwa – Maddile na Bara enddimuwa ya Indiku



### Mabingiyo

1. Olebe mapa enzinddiyela elabo yehu.
2. Na nikamiyedho na eladdaniyo na mapa, olebe mukaderinoni mwawo mapa a Mosambiki.
  - a) Osigiye malremba porovinsiya enkala weyo.
  - b) Oromole maddile a porovinsiya yawo.
3. Dixitiritu enkala weyo enithaniwa dhaavi?





Mabingiyo

### Mburo onkala elabo yehu

Elabo enkala weyo enithaniwa Musambiki, envenya oromana mwinje Rovuma oKabu Delegadu mpaka mwinje Maputu oporovinsiya ya Maputu viina oZumbu, efiyaga oporovinsiya ya Tete mpaka oMatimbani oporovinsiya ya Nampula.

Elabo yehu yaliji epaddi ya elabo ya apacaye, nsaka nene ntho na apacaye elabo yehu yali porovinsiya ya Pututugalo. Mmalele elabo yehu owakela ofuru yaka ya 1975, elabo yehu ehigawiwa mmaporovinsiyani viina mmiruddani dha omadhulu, murudda wa vari na murudda wa ogusuni, ninga munlagiyiwani mmladdaniyoni ali muciddo.

Elabo yewu engaweya mmiruddani miraru.



Nladdaniyo 3: Murudda wa Omadhulu

Murudda Woomadhulu wa elabo yehu dhikalawo Porovinsiya dha Nampula, Niyasa na Kabu Delegadu.

Porovinsiya	Kwathi
Niyasa	Lixinga
Kabu Delegadu	Pemba
Nampula	Nampula



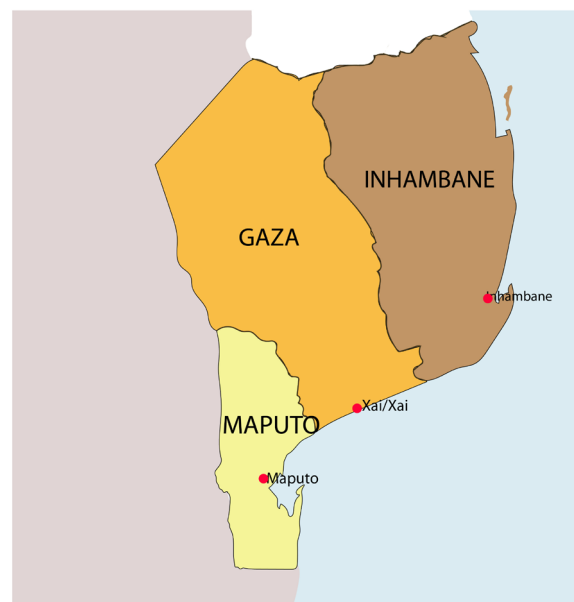
**Nladdaniyo 4: Murudda wa Omadhulu**

Murudda wa Varivari wa elabo yehu dhikalawo Porovinsiya dha Tete, Zambeziya, Sofala na Manika.

Porovinsiya	Kwathi
Tete	Tete
Zambeziya	Kelimani (Ochuwabo)
Manika	Ximoyu
Sofala	Bera

Murudda Woogusuni wa elabo yehu dhikalawo Porovinsiya dha Inyambani, Gaza na Maputo.

Porovinsiya	Kwathi
Inyambani	Inyambani
Gaza	Xayi-Xayi
Maputo	Maputo



**Nladdaniyo 5: Murudda wa ogusuni**

Kwathi enddumuwa ya elabo yehu bu muthethe wa Maputo, vano porovinsiya dhootene dha elabo yehu ekana kwathi yayene.



### Ntapulelo na mazu

**Kwathi enddimuwa:** – Muthethe onkalamo Goverino.

**Nlamulo** – Gano dhindana musasanyedho viina mulabelo wa elabo.



**Nladdaniyo 6:** Mpalra wa Guverino

Wi elabo yehu ekane musasanyedho wa paama, maporovinsiya oteene anogaweya na mmadixitiritu.



**Nladdaniyo 7:** Mpalra wa Guverino wa Dixitiritu ya Mukuba

Madixitiritu angaweya mmaPoxito Adimixitarativu na Malokalidadi.



**Nladdaniyo 8:** Poxitu Adimixitarativu



**Nladdaniyo 9:**

Porovinsiya enthongiwa na Sekeretari wa Exitadu viina na Goverinadoro, vano madixitiritu anthongiwa na Musaradoro. Nikuru nthi na anamathonga anlabela wavaha athu mikalelo dha paama dhookalawo viina obarela malogo.





### Wanziwa wi:

Muthethe wa Maputo kwathi enddimuwa ya elabo yehu ethomiwe ninga porovinsiya viina egawiwe mmadixitiritu.



### Mabingiyo

1. Elabo ehu engaweya mmiruddani mingasi?
2. Porovinsiya yawo enkala murudda gani?
  - a) Olebe nladdaniyo na mapa a Musambiki.
  - b) Olabiyedhaga nladdaniyo na mapa, olebe porovinsiya dha murudda onakala porovinsiya yawo, ogamala osiye malremba.
3. Kwathi ya porovinsiya yawo jiivi?
4. Osaziye mukaderinoni mwawo ddima dha mazu, ogamala wakwaniye mimburo dhinjomba:  
Nikuru na \_\_\_\_\_ anlabela wavaha \_\_\_\_\_ mikalelo  
dha paama \_\_\_\_\_ viina \_\_\_\_\_ malogo.



Nladdaniyo 10



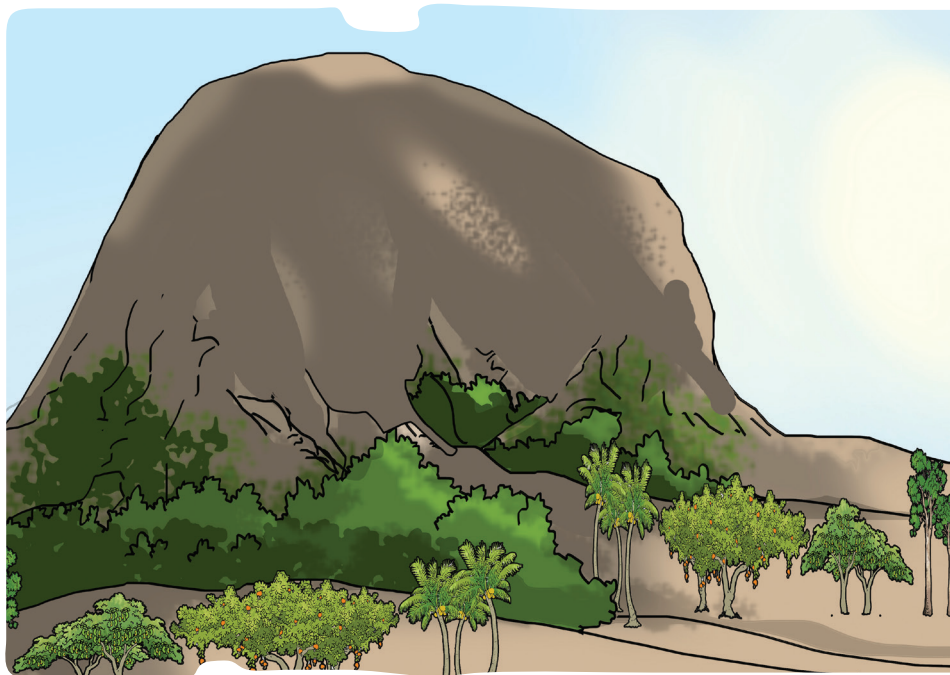


Osunzevi

## Mburo onkala elabo yehu

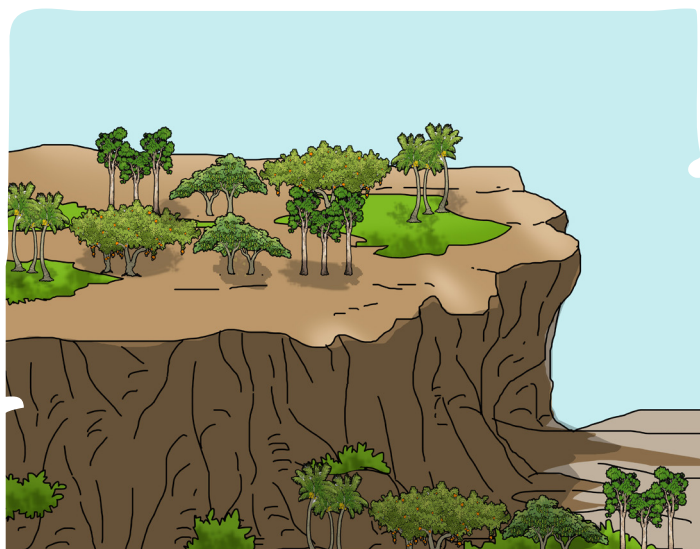
Mburo oniwurugunuwela kuna mukalelo modhene, mimburo dhinaguwa sa titela obe thukuwa. Muthukuwelo wa mathaka mikalelo dhoothiyani dhinooneya vamuruddani.

Ovano olebe ntapulelo na muthukuwelo wa mathaka: Elabo yehu ena mithukuwelo miraru dha makamaka dha mathaka dhili: titela, edhuludhulu na mwango.



**Nladdaniyo 11:**

Mwango – othukuwa wa mathaka onkwaranya mameturu 1000;



**Nladdaniyo 12:** Edhuludhulu

Edhuludhulu - mirudda dha muthukuwelo woofwanyelela viina muthukuwelo munddimuwa dhinkwaranya mameturu 200;



**Nladdaniyo 13:** Titela

Titela - muthukuwelo wa mathaka otitela dha mameturu anfiya 200;

Titela dha mwango mirudda dha mathaka ana muthukuwelo woolapa, mirudda esi dha titela dhinkala mwangoni.

Mikalelo dha muthukuwelo wa mathaka mwilaboni mwehu dhinozinddiyeliwa mwexikalani.



### Ntapulelo na mazu

**Muthukuwelo wa mathaka** - mpimo wa mathaka mmameturu.



### Wanziwa wi:

Mwango woolapececa wa mMosambiki, onkala oporovinsiya ya Manika.

Muthukuwelo wa mtahaka bwa makamaka mwa mabasa othiyana thiyana. Mirudda dha titela dhinlabela olimiwamo. Mirudda dha edhuludhulu dhinlabela ofuwiwamo viina okumbuzamo dhinama. Mirudda dha myango dhinlabela otibiwamo dhoorela dha mmathakani viina okosamo oleddo



### Mabingiyo

1. Mikalelo gani dha muthukuwelo wa mathaka dhili mwilaboni mwehu?
2. Wakwaniye mimburo dhinjomba dha ddima dha mazu dhinfwarelana:
  - a)
 

Muthukuwelo wa mathaka \_\_\_\_\_ dhinoneya \_\_\_\_\_.
  - b)
 

Mwango \_\_\_\_\_ mwango \_\_\_\_\_ wa mMosambiki.
3. Mikalelo gani dha muthukuwelo wa mathaka dhili mporovinsiya enkala weyo?



## Esekeso ya mmasunzoni

1. Elabo yehu enkala murudda gani wa mwAfirika?
2. Oromole mazina a maddile a elabo yehu.
3. Wakwaniye mimburo dhinjomba dha ddima ya mazu enfwarela:  
Elabo yehu \_\_\_\_\_ mmiruddani \_\_\_\_\_.
4. Porovinsiya yawo enkala murudda gani?
5. Kwathi ya porovinsiya yawo jiivi?
6. Olebe nladdaniyo na mapa a porovinsiya yawo.
7. Olabiyedhaga nladdaniyo na mapa, olebe mukaderinoni mwawo mapa a porovinsiya yawo.
  - a) Oromole maddile a porovinsiya yawo.
  - b) Dixitiritu enkalamo weyo enkuweliwa dhaavi?
8. Muthukuwelo wa mathaka ciini?
9. Wakwaniye mimburo dha ddima dha mazu dhinfwarelana:
  - a) Muthukuwelo wa \_\_\_\_\_ mikalelo dhoothiya dha \_\_\_\_\_ dhinooneya \_\_\_\_\_.
  - b) Mwango woolapeca wa \_\_\_\_\_ bu Mwango \_\_\_\_\_
9. Muthukuwelo wa mathaka olici muporovinsiyani mwawo buuvi?



## Osunzevi

## Kilima

RodiriMayiya na Rodirigu abudduwaga vatakulu adhowaga oxikoola, awona wi erimu yahikuneleya na mirabo.

Ayilelaga vatakulu Mayiya otikina: Rodirigu koona! Mirabo kadhiwo, nzuwa ninogerimela viina pevo envada ja oviya.

- Rodirigu omuvuza. Onona sabwani?

- Sabwa wi mudhidhi onocinjeya na ovirela wa siku. Na ovira wa yaka, dhikalawo meeri dhooridha na meri dhooviya. Dhaye-ne nsaka bu mudhidhi wooridha obe wooviya wa elabo.



Nladdaniyo 14 : Malabo a miraboma



Nladdaniyo 15 : Malabo ahiliwo mirabo



**Kilima** – wileyeya wa mukalelo wa mudhidhi wa mmuruddani. Mulaboni, akalawo makilima othiyanathiyana. Kilima na Mosambiki kilima toropikale na mMosambiki ali masaka meeli a kilima: Nsaka na eridho na nsaka na elimwe.

Nsaka na eridho muzogwe onrubwa mung'onovi okalaga yumwi eng'onovi, vano nsaka na elimwe nsaka nooviya vaddididi, okalaga munyotho na mpulo wa muzogwe.

Kilima tha makamaka sabwa wi ninokamiyedha mabasa a athu. Ninga, namalima onotamela oziwa nsaka wi anone mudhidhi wooceya, viina woosinanga mulima bu mulima.



**Nladdaniyo 16:** Nsaka na elimwe



**Nladdaniyo 17:** Nsaka na elimwe na nsaka na mudhogwe



## Mabingiyo

1. Nsaka ciini?
2. Wang'ane akala ddabuno okala mirabo, ogamala otapulelemo.



A



B

3. Olebe nladdaniyo ninlagiya mudhidhi wang'anile weyo.
4. Wakwaniye mimburo dhinjomba ya ddima ya mazu eli muciddo:  
Kilima \_\_\_\_\_ wa mukalelo wa \_\_\_\_\_  
wa \_\_\_\_\_.
5. Thima gani ena kilima?



## Osunzevi

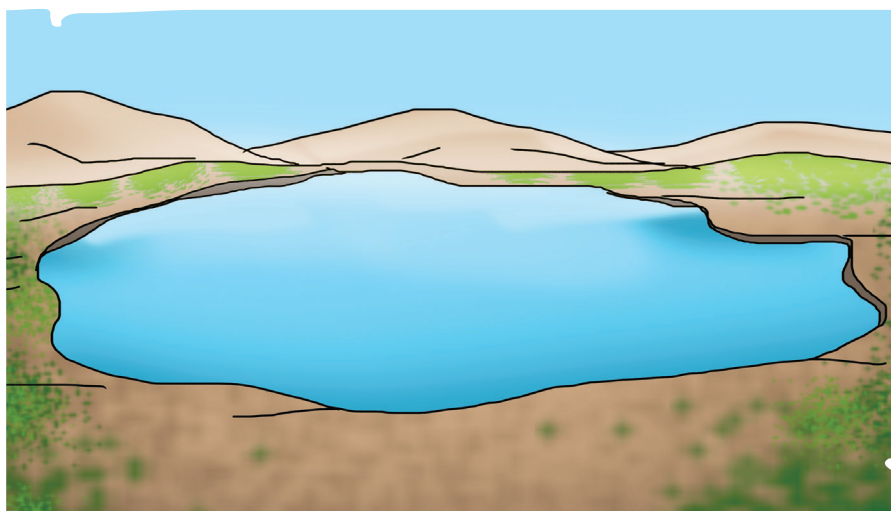


**Nladdaniyo 18:** Mwinjena dhipaddidha

### Minje na Mathadda

Mwinje kwegwe enddimuwa munthamaga manje ahili a mwinyu. Dhipaddi dha mwinje siisi: vameteloni va mwinje, kwegwe ya mwije, kobela na magomelo a mwinje.

Minje dhinothamaga mwangoni, mutitelani dha mwango viina dhinowabuwa mirudda dha titela.



**Nladdaniyo 19:** Nthada



Minje dhinji dha elabo yehu dhiniteya mmyangoni obe dhilabo dhinaddamele elabo yehu, manjeya anthamagela obara.

Minje dha makamaka dha mMosambiki sisi: Zambezi, pungwe, Limpopo, Ikomati, Save, Luriyu, Mesalo, Rovuma, na Maputu.

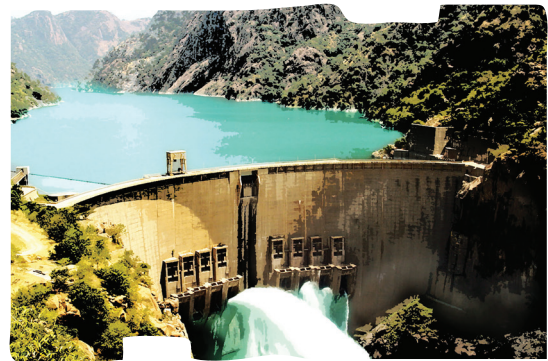


**Nladdaniyo 20:** Nthadda noowubuwa

Nthadda manje anrugunuweliwa mathatka mimburo dhooteene. Mathadda anokala owuubuwa viina owitiwa.

Mathadda owuubuwa babale apadduwile woka. Ninga, nthadda na Chiwuta, Chiruwa, Niyasa na Amaramba.

Mathadda owitiwa babale asasanyiwe na muthu. Ninga, nthadda na Kabara Basa, Masinjiri, Chikamba Reyali na Pekenu Libombu.

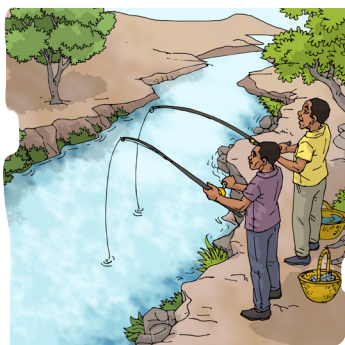


**Nladdaniyo 21:** Mathadda owitiwa a Kabarabasa na Masingiri

### **Thima ena minje na mathadda**

Minje na mathadda ba makamaka sabwa wi dhinonivaha manje osuwana dhooja, manje owazela mindda, manje owitana ceza viina dhinolaba ninga dila dhoonithikulela mimburo dhoothiya.

Pu minjeni na mmathaddani muwodha iyo owaba, ofula guwo, okosamo mavego na dhilobo dhinaguwa.



**Nladdaniyo 22:**

Osapa



**Nladdaniyo 23:** Dila



**Nladdaniyo 24:** Okosa mavego

Wi nibarele viina nithiye minje na mathadda ngwilro kinfwanyela ovokelamo zungu, magarafwa, miliyado mukobelani sabwa wi dhinotakaliya munkaliwa.



**Nladdaniyo 25:** Mikalelo dhoobarela yiko



## Mabingiyo

1. Mwinje ciini?
2. Dhipaddi dha mwinje siivi?
3. Oromole nzina nimodha na mwinje wa porovinsiya enkala weyo.
4. Nthadda nowiitiwa ciini?
5. Minje na mathadda ambareliwa na mukalelo gani?
6. Olebe dhoowubuwela mwaha wa thima ena minje na mathadda?





## Osunzevi

## Muddebe na mumpilri

Muddebe pumpule muli miri dhootiyana-thiyana dhinfwanyiwa vamuruddani. Maddebe a makamaka a mMosambiki, baaba: takwa, nthathi na mwini.

Takwa mukalelo wa nddebe muli mani anja dhinama dhinkumbuziwa, muli miri dha makupu na makupu meena anvapanana.

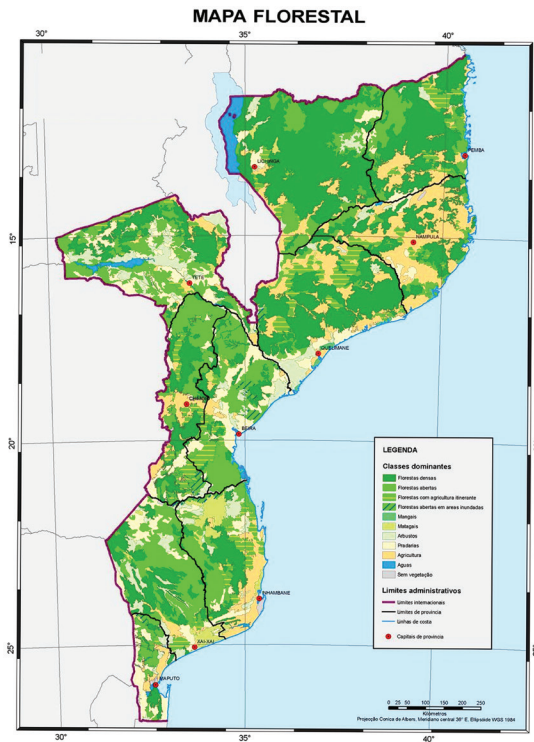


Nladdaniyo 27: takwa

Nthathimukalelowanddebe muli mani onuunuwa kobela na bara munfwanyiwa miri dhinvilela manje a mwinyu.



Nladdaniyo 28: Nthathi



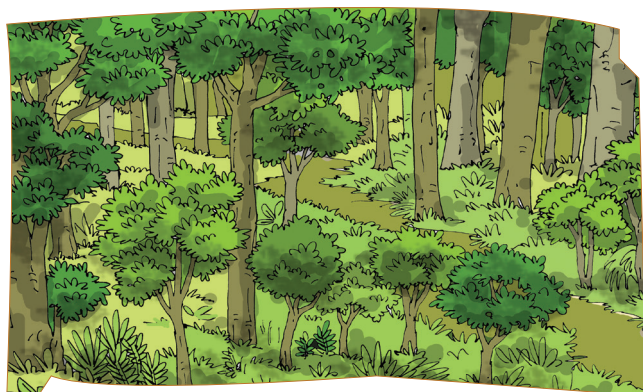
Nladdaniyo 26: Muddebe na mumpilri

Mwini mukalelo wa nddebe muli mani munfwanyiwa miri dhinddimuwa viina dhoolapa vaddiddi.



### Ntapulelo na mazu

**Maani anja dhinama** – mukalelo wa mani onlaba ninga oja wa dhifuwo na dhinama dha muddebe.



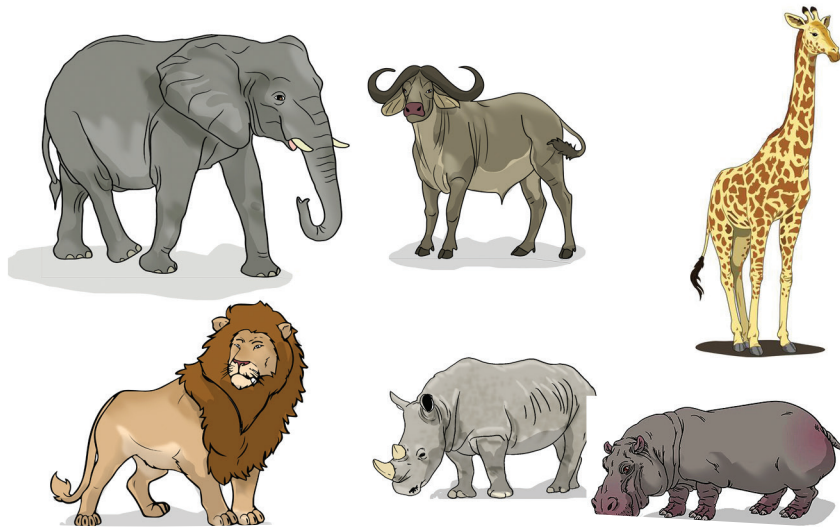
**Nladdaniyo 29:** Mutakwani

### Thima ena mwini

Mwini nddebe nina thima mwa okalawo wa muthu sabwa wi onokuputha muya woovumana, onosaddula mathaka akalaga a paama, onobarela owomowa wa mathaka, onovaha miri dhoomagana nyumba viina micici na mataba ansasanyiwana mirobwe.

**Mumpilri** mukalelo wa nddebe munkala nikuru na dhinama dhinfwanyiwa ntakewa nimodhene.

Elabo yehu erela mwa dhinama dhoothiyana dthinkala mmaddebe othiyana viina dhigaweyaga na mukalelo woothiyana, vano na mukaleloya wa kilima viina munamani onjani. Dhinama ninga thomoddo, poddogoma, nyarugwe, munyabwa, thebo, muyegu, amakako, balame na dhinama dhoonyongothowa, bu mutonyo wa dhinama dha mwini.



### Nladdaniyo 30: Dhinama dha mutakwani

## Maddebe na Takwa dhimbareliwa Mwilaboni mwehu

Mwilaboni mwewu muwiitiwa maddebe na takwa mumbareliwa dhinama viina miri, ninga:

### Takwa

Takwa enddimuwa ya  
Gorongosa

Takwa enddimuwa ya Zinave

### Vankalani

Porovinsiya ya Sofwala

Porovinsiya ya Inyambani

### Maddebe

Nddebe na Niyasa

Nddebe na Maromewu

Nddebe na Thima na Maputu

### Vankalani

Porovinsiya ya Niyasa

Porovinsiya ya Sofala

Porovinsiya ya Maputu



### Wanziwa wi:

Nddebe na mumpilri dhoorela dha mwilaboni dhinirugunuwe-  
la dhina thima mukalani mwehu.



### Mabingiyo

1. Nddebe ciini?
2. Mumpilri ciini?
3. Thima gani ena mwini?
4. Maddebe na thakwa anlabela nni?



### Ddisunza wi:

- Elabo yehu enkala mwafirika;
- Muthukuwelo wa matahaka wa elabo yehu siisi: titela, edhuludhulu na myango;
- Kilima na elabo yehu kilima toropikale;
- Minje na mathadda akana thima mwa okalawo;
- Takwa sa makamaka sabwa wi dhinokuputha muya woovumana;
- Maddebe na takwa mimburu mumbareliwa dhinama na miri.



## Osunzevi

### Athu a malogo

Athu a malogo muthithi wa athu onkala vamuruddani obe mburo modhene.

Walewale, malogo kakala nomada. Awene kakala mburo modhene, aneddela murudda dhinaguwa atamelaga dhooja. Na wiitiwa wa olima asama mburo modha.

Masiku a ddabuno, malogo menji ankala mmithetheni, vaboma na mmiruddani. Malogo ankaleca mimburo esi atamelaga mikalelo dha paama dha okalawo ninga ganyo, xikoola na xipital.

Otamela wa mikalelo dha paama dhookalawo, onosokela malogo ogawana na mukalelo woothiyana. Ninga mutonyo, mmithetheni mukala athu enjene opitha muthemba.



## Mabingiyo

1. Athu a malogo ciini?
2. Wakwaniye mimburo dhinjomba muddima ya mazu eli muciddo.  
Malogo menji ankala \_\_\_\_\_, \_\_\_\_\_ na \_\_\_\_\_.
3. Athu enjene ankaleca mmithetheni sabwa ya nni

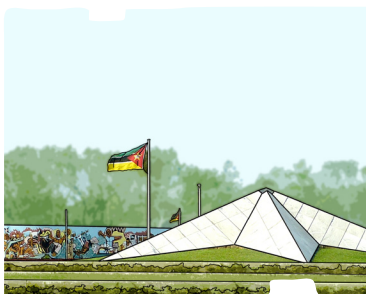


**Mimburo dha Mapadduwo** mwego munzinddiyela divirile nsaka na wale obe na ewalewale.

Mmwilaboni mwehu mukala mimburo dhoothiyana dha mapadduwo dhili mimburo dha nleba nihindduwaleya. Mwa mimburo esi dha makamaka dhihikalamo: mpalra, ezinddiyelo ya maleba ahindduwaliya, nyumba munkoyiwa maleba ahindduwaleya, myango, takwa na maddebe, mabibiliyoteka viina miratho.

Ninga mutonyo, mwilaboni mwehu mukala: maladdaniyo a veruguni a ewalewale ali oManika na oNampula, Exitasawu ya Kaminyu di Feru ya Maputu, Bibiliyoteka Nasiyonali, na muratho wa Dona Ana oTete.

Mimburo esi na dhinaguwa dhinofwanyela othithimiya viina obareliwa wi athu anadhegewo aziwe mapadduwo a mimburo esi.



**Nladdaniyo 31:**  
Mpalra wa Afuruli



**Nladdaniyo 32:** Engamuthu  
ya Samora Machel



**Nladdaniyo 33:**  
Muratho

Mwilaboni mwehu, muhikala malabo anthabeliwa mapadduwo anfwanyela ononiwa na athu oteene.

Malabo anthabeliwa mapadduwo mMusambiki.

Malabo	Mapadduwo
Siku na 1 na Janero	Siku na Murenddele Mwilaboni Mweteene
Siku na 3 na Feverero	Siku na Afuruli a Musambiki
Siku na 7 na Abirili	Siku na Ayana a Musambiki
Siku na 1 na Junyu	Siku na Ayima
Siku na 16 na Junyu	Siku na Ayima a mwAfirika Siku na Mitikale
Siku na 25 na Junyu	Siku na Ofuru wa Elabo Yehu
Siku na 7 na Setemburu	Siku na Wiwanana wa Lusaka
Siku na 25 na Setemburu	Siku na Anyakoddo a Elabo Yehu
Siku na 4 na Otuburu	Siku na Murenddele
Siku na 12 na Otuburu	Siku na Anamasunziya a Musambiki
Siku na 25 na Dezemburu	Siku na Anamudhi/Natali



### Mabingiyo

1. Mimburo gaani munkaleca athu a malogo?
2. Mimburo dha mapadduwo ciini?
3. Kavaha mitonyo wa mimburo dha mapadduwo dhili muporovinsiyani mwawo?
4. Wang'ane kaduru ya malabo anthabeliwa mapadduwo, ogamala ologe:
  - a) Siku na Ayima a mwAfirika thiivi?
  - b) Siku na Ofuru wa Elabo Yehu thiivi?



### Esekeso ya Mmasunzoni

- Otapulelemo ciini enfuna ologa malamulo a oxikoola.
- Osaziye mukaderinoni mwawo tabela eli muciddo, ogamala wakwaniye mimburo dhinjomba olebagamo dhoofwanyelela na dhoowira:

Dhoofwanyelela	Dhoowira

- Malamulo a oxikoola anlabela nni?
- Mikalelo dha paama dhookoyana nivuru na masunzo siivi?
- Osaziye mukaderinoni mwawo ddima ya mazu eli muciddo, ogamala wakwaniye mimburo dhinjomba:  
Wila nikoye paamene \_\_\_\_\_ ninofwanyela \_\_\_\_\_, wika zungu vego \_\_\_\_\_, oseela nyumba dha masunzo \_\_\_\_\_ viina vathaddo vaxikoola.
- Wi nikale munamudhini na osanzaya ciini envedeya?
- Ciini enfwanyela iyo okosa wi nirabele miladdu?
- Oromole mirudda dhingaweya elabo yehu.
- Porovinsiya yawo enkuweliwa dhaavi?
- Kwathi enddimuwa ya porovinsiya yawo jiivi?
- Oromole mazina a maporovinsiya ankala murudda modhene na porovinsiya yawo.
- Ozinddiyele kwathi dha maporovinsiya a murudda onkala porovinsiya yawo.
- Osaziye mukaderinoni mwawo ddima dha mazu dhili muciddo, ogamala wakwaniye mimburo dhinjomba:

a)Wi \_\_\_\_\_ yehu ekane musasanyedho

wa paama, maporovinsiya oteene anogaweya

b) Madixitiritu angaweya \_\_\_\_\_na  
\_\_\_\_\_.

14. Nibasa na Nikuru na Anamathonga thiivi?
15. Elabo yehu enkala epaddi ya omadhelo wa nzuwa wa Afirika. Ozinddiyele dhilabo dhinkosa maddile na Musambiki omadhowelo wa nzuwa.
16. Olabiyedhaga nladdaniyo na mapa, olebe mukaderinoni mwawo mapa a Musambiki, ogamala osigiye malremba murudda onkala porovinsiya yawo.
17. Oromole mikalelo dha muthukuwelo wa mathaka a elabo yehu.
18. Otapulelemo ciini nsaka?
19. Thima gani ena nsaka?
20. Oromole dhipaddi dha mwinje?
21. Othiyaniye mathadda owuubuwa na mathadda owiitiwa.
22. Thima gani ena mabasa obarela minje na mathadda?
23. Thima gani ena mumpilri?
24. Thima gani ena nddebe?
25. Thima gani ena mabasa obarela nddebe na mumpilri?
26. Osaziye mukaderinoni mwawo ddima dha mazu dhili muciddo, ogamala wakwaniye mimburo dhinjomba:
  - a) Nlogo nikuru na \_\_\_\_\_ ankala  
\_\_\_\_\_ modhene.
  - b) Otamela wa \_\_\_\_\_ dhookalawo,  
onosokela \_\_\_\_\_ ogawana na mukalelo  
\_\_\_\_\_.
27. Mimburo dha mapadduwo ciini?
28. Oromole mimburo dha mapadduwo dha porovinsiya yawo.
29. Mimburo dha mapadduwo dhinfwanyelela nni obareliwa?

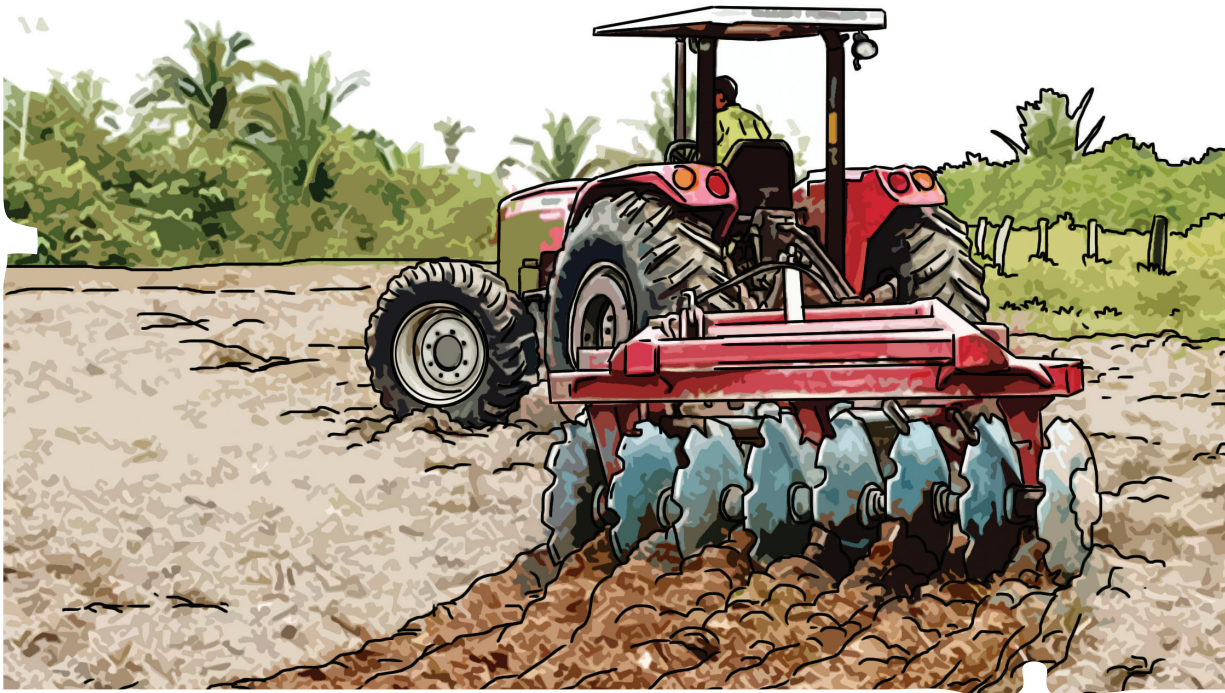


## Mabasa othiyana ankaliya athu a malogo

Athu a malogo a mwilaboni mwewu anothidda mabasa othiyana niga olima, osapa, ofuwa oba, ofuwa dhinama dhoo-vava, okumbuza na otota.

Olima

Olima mabasa omanyula mathaka.



**Nladdaniyo 34:** Mundda olimiwaga na taratori

Olima kwa makamaka vaddiddi sabwa wi onowavaha ganyo athu enjene a elabo yehu.



Mathaka anlimeya, epaddi enddimuwaya enlabela olimiwamo milima ninga: nambedde, makuthi, mexowera, fwalrinya, mavila, mbuga, bambaya, mandduwi, cibamba na milima dhinaguwa. Mathaka menaguwa anlimeya, munlimiwa milima dhinvaha nranjulo na kobiri ninga: mihale, nthoje, kompura, chaya, sitirinu, garoso dha makaju, fola, girasoli na sizale.



**Nladdaniyo 35: Milima dha mmunddani**



### Mabingiyo

1. Olima ciini?
2. Milima gani dhinlimiweca porovinsiya yawo?
3. Thima gani ena olima?



## Osunzevi

### Osapa

Osapa mabasa ankoseliwa othidda oba, ninga: mukamba, rurumu, kala, lula na oba dhinaguwa.

Mimburo munkosiwa mabasa osapa siisi: mmwinjeni, mmathaddani, munyaza na mbara. Osapa onosokela dhooja vatakulu viina onovaha mirala nranjulu na kobiri.

Okalawo musapelo wa ezamani na musapelo munddimuwa. Musapelo wa ezamani bubule onkisiwa na dhipano dhing'ono ninga emezo, mulaba viina mwandiya. Musapelo munddimuwa bubule onkosiwa na paaporo obe pangaya dhinddimuwa.



**Nladdaniyo 36:** Musapelo wa ezamani

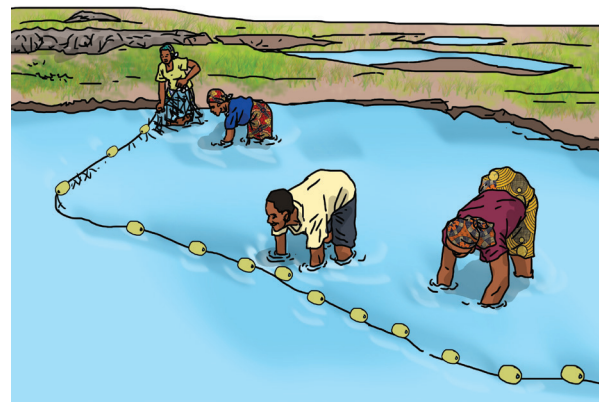
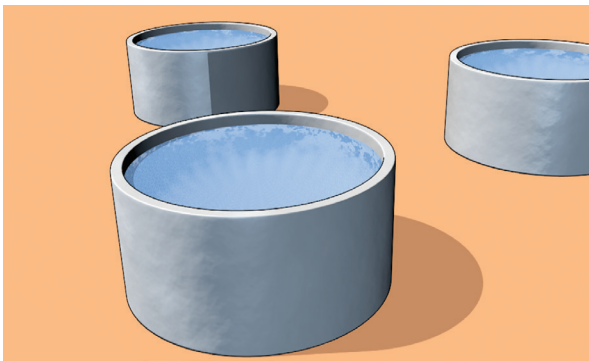


**Nladdaniyo 37:** Musapelo munddimuwa

## Akwakulutura

Akwakulutura mafuwelo a oba mabasa. Ankoseliwa ofuwa oba ninga mukamba mumburoni dhoofugeya.

Mafuweloya ankosiwa mumburoni dhoofugeya ninga muncelani viina mmathaddani owiitiwa.



### Nladdaniyo 38: Mafuwelo a oba moofugeya



#### Mabingiyo

1. Osapa ciini?
2. Wakwaniye mimburo dhinjomba dha ddima dha mazu dhinfwarelana:
  - a) Musasapa \_\_\_\_\_ bubule onkisiwa na dhipano dhing'ono ninga \_\_\_\_\_, \_\_\_\_\_ viina \_\_\_\_\_.
  - b) Musapelo \_\_\_\_\_ bubule onkosiwa na \_\_\_\_\_.
3. Akwakulutura ciini?



## Osunzevi

## Avikulutura

Avikulutura mafuwelo a dhinama dhinvava.

Mabasa oreliya dhinama dhinvava na efunelo yoowunuwiya muthengo wawa.



## Ntapulelo na mazu

**Exiturumi** - ari a dhinama ninga ng'ombe anlabela osasanyedhena mathaka a mundda.

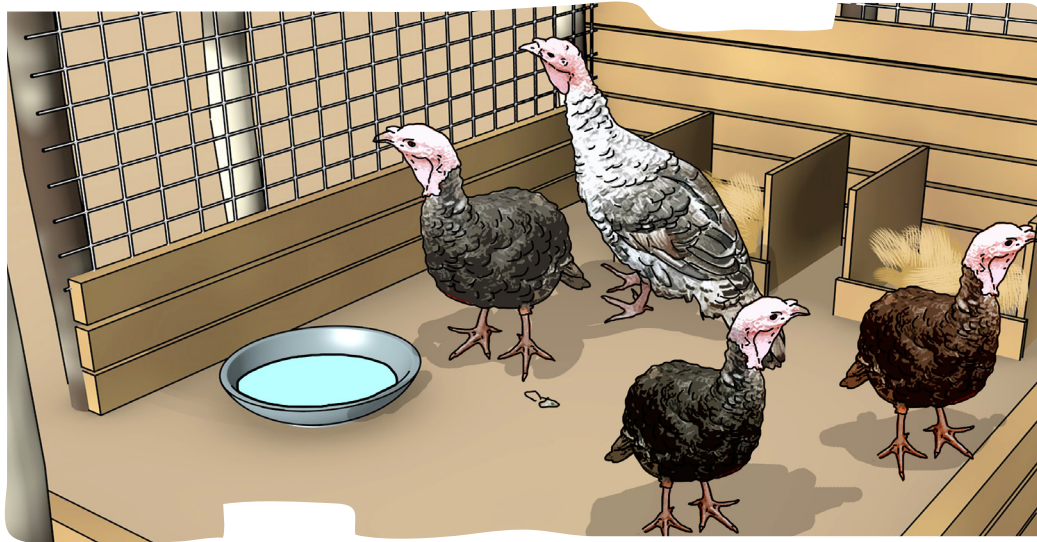
Munadhinama dha makamaka dhinvava dhinfuweweca sisi: mwanaku, nibatha, pilru, kaga na nreka.

Avikulutura mabasa a makamaka sabwa wi anosokela dhooja vamuralani, entapulela wi, anamudhi othiya oja obavi bayi anoja viina dhinama dhinfuwa awene (mwanaku, mambatha, pilru, kanga na miyegu). Avikuluturu onosokela wi athu amunamudhini agumele korowa.

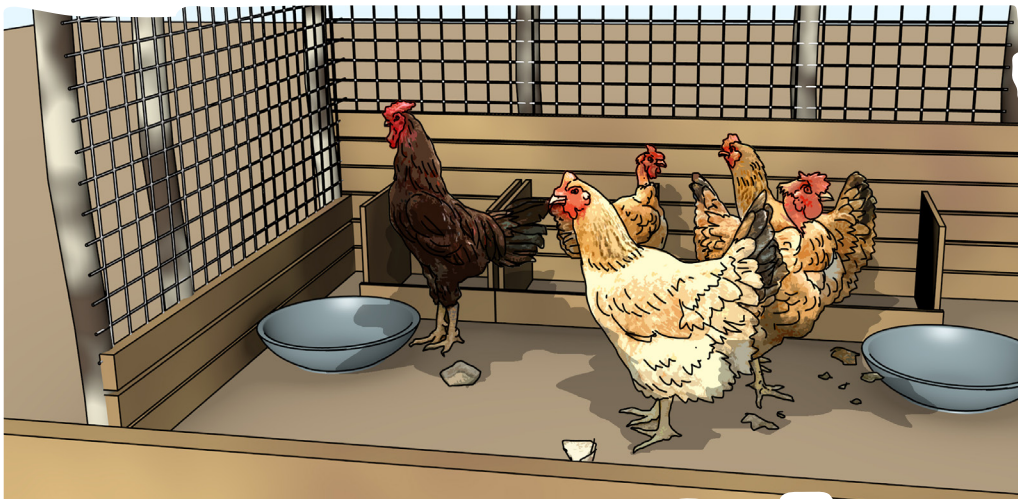


Nladdaniyo 39: Mambatha





Nladdaniyo 40: Pilru



Nladdaniyo 41: Anaku



Osunzevi

## Pekuwarriya

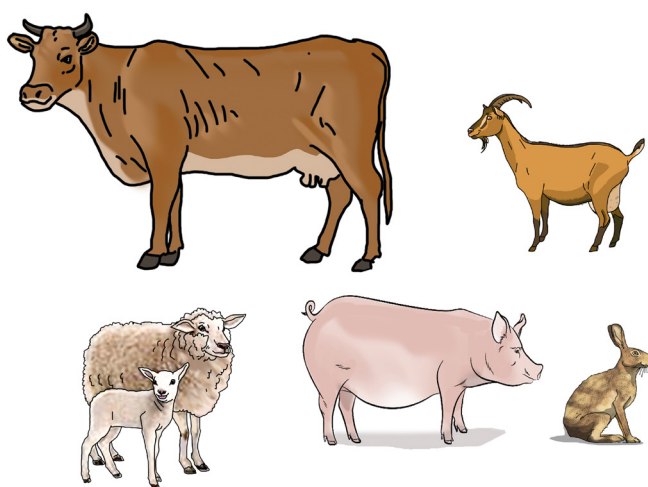
Pekuwarriya Mafuwelo a dhinama dhinkumbuziwa.

Pekuwarriya nibasa noofuwa dhinama na efunelo yooguliya viina oja. Dhinama dha makamaka dhinkumbuziwa sisi: ngombe, mbuzi, mabila, guluwe na anamarogolo anfuwiwa muthangani.



Pekuwariya nibasa na makamaka sabwa wi ninosokela dhooja ninga mukaka, nyama, thebe viina manyaga.

Pekuwariya enovaha dhitagano dhinlabiwana mmfabirikani ninga nyama, thebe (satho, buddu, zunbelra), manyaga na makuva (dhitagano dhookoddeliyana). Pekuwariya nibasa ninsokela nranjulo na korowa viina wego ompuramo athu mavitamina a nyama.



### Nladdaniyo 42: Dhinama dhinfuwiwa mupekuwariya



#### Mabingiyo

1. Avikulutura ciini?
2. Thima gani ena mafuwelo a dhinama dhinvava?
3. Wakwaniya mimburo dhinjomba:
  - a) Okumbuza \_\_\_\_\_ noofuwa \_\_\_\_\_ na efunelo \_\_\_\_\_ viina \_\_\_\_\_.
4. Dhinama gani dhoofuwa dhinziwa weyo?
5. Dhinama dhinfuwiwa mupekuwariyani dhindelana nni orela?

## Esekeso ya Mmasunzoni

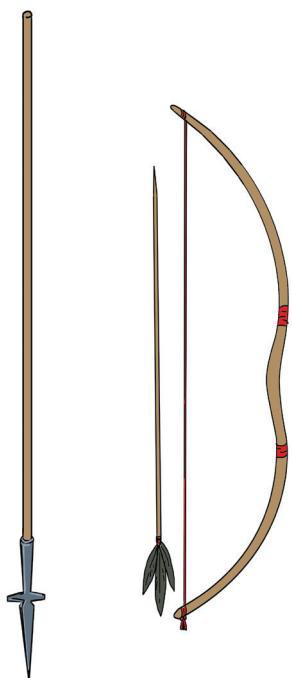
1. Osaziye ddima dha mazu mukaderinoni mwawo, ogamala wike [X] ddima ya mazu yoofwanyelela.
  - a) Athu a malogo nikuru na athu anvega vamodha \_\_\_\_\_
  - b) Athu a malogo nikuru na athu ankala mburu modhene \_\_\_\_\_
  - c) Athu a malogo nikuru na athu anziweliwa wedda \_\_\_\_\_
2. Mumburo gani munkaleca athu enjene?
3. Mimburo dha mapadduwo ciini?
4. Ozinddiyele mimburo miraru dha mapadduwo dhili muporovinsiyani mawo.
5. Ozinddiyele milima minayi dhinlimuwa muporovinsiyani mwawo.
6. Osapa ciini?
7. Osaziye ddima dha mazu dhili muciddo, ogamala wakwaniye mimburo dhinjomba:
  - a) Musapelo wa \_\_\_\_\_ bubule onkisiwa na dhipano dhing'ono ninga \_\_\_\_\_, mulaba viina \_\_\_\_\_.
  - b) Musapelo \_\_\_\_\_ bubule onkosiwa na \_\_\_\_\_ obe pangaya dhinddimuwa.
8. Dhilobo gani dhimpuriwa na mabasa a akwakulutura?
9. Avikulutura ciini?
10. Thima gani ena avikulutura?
11. Osaziye mukaderinoni mwawo ddima ya mazu eli muciddo, ogamala wakwaniye mimburo dhinjomba:
 

Pekuwarriya \_\_\_\_\_ ofuwaviina \_\_\_\_\_

dhinama wi \_\_\_\_\_ viina osapela vaade



## Osunzevi



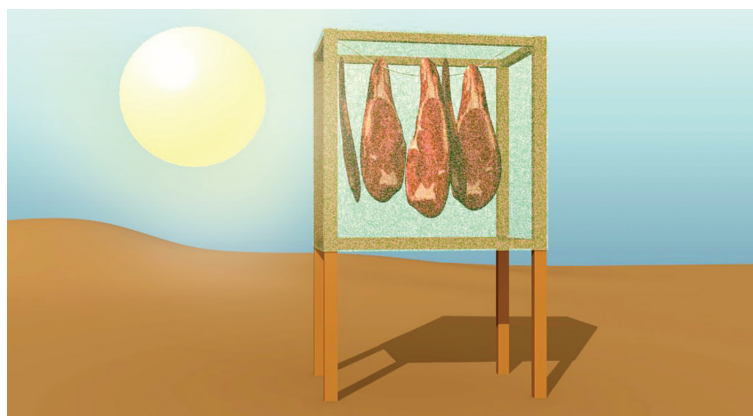
**Nladdaniyo 43:**  
Dhipano dhoototana

## Otota

Otota mabasa antamela othidda obe opa dhinama dha mutakwani.

Otota nibasa ninkaliya athu nitamela othidda obe opa dhinama dha muthakwani viina dhinama dha muddebe.

Dhinama dhintotiwa sa makamaka sabwa wi dhinolabea ninga dhooja, dhitagano dha mabasa na malrondda anvaha nranjulo na korowa.



**Nladdaniyo 44:** Makoyelo a nyama

mMosambiki munothiddiwa viina munototiwa vaddiddi dhinama dha mutakwani na efunelo ya osapela vatakulu.

Otota woosapela vatakulu bubule onkosiwa na dhipano dha ezamani ninga mirega, seta, mwalago na moba. Dhinamadha dhinpiwa dhinowenjeda oja vamuralani.

Otota woonyulu onodhana otolowa wa dhinama dhoothiyana-thiyana dhinbareliwa, noona nikalawo nikuru ninkoddiya mutotelo obu.



**Nladdaniyo 45:** Dhilobo dhisasanyiwena thebe ya dhinama



**Nladdaniyo 46:** Mulobwana avaddelaga mmatoteloni



### Mabingiyo

1. Otota ciini?
2. Dhipano dhinlabiyedhiwana mmatotelo osapela vatakulu siivi?
3. Dhinamadha dhintotiwa dhinlabela nni?
4. Ninfuneliwana nni obarela dhinama?



### Ddisunza wi:

- Nlogo muthengo wa athu oteene ankala murudda modhene;
- Athu kangawelana na mukalelo modhene mmuruddani sabwa dhilobo dhoothiyana;
- Elabo yehu ehirela na malemba ahindduwaleya viina ezamani;
- Mathaka anonivaha milima dhoothiya-thiyana dhinilabela ninga dhooja;
- Mathaka agalimiwaga vanolabiyedhiwa dhipano dhoothiyani ninga eyiba, supadda, charuwa, taratori na mitholro dhinaguwa;
- Athu enjene a Musambiki anlaba omundda, ompurani milima, dhooja viina nranjulo na korowa;
- Bara, mwinje na mathadda dhinonivaha oba dhinja iyo;
- Avikulutura mafuwelo a dhinama dhinvava;
- Pekuwarinya mabasa a makamaka sabwa wi dhinama dhinfuwiwa dhonivaha dhooja viina dhitagano dhinlabiwana mmfabirikani dha guwo na sapho.

## Mpinddu

Kawuli murudda onlima dhooteene dhinveda athu wi akalewo. Noona, athu anolima, anoja viina anoguliya milima dhinwalawo. Kobiriya engumeliwa na malronddaya enogiliwana dhilobo dhinaguwa, obe milimadha dhinwalawo dhinocinjiwa na dhilobo dhinaguwa dhinajombela.

Mpinddu mabasa ankaliya athu ankosiwa na wooboliwa viina oguliya wa malrondda. Mpinddo mabasa ocinja elobo modha na elobo yinaguwa obe ocinja elobo modha na kobiri.

Mwilaboni mwehu munokosiwa mpinddo onriya malamulo na mpinddo wahinriya malamulo. Mikalelo dhoobili dha mpinddu sa makamaka, sabwa wi dhinosokela poso vade.

Mpinddu mabasa owobola, ogula viina oguliya malrondda ba malrondda.

Okalawo mpinddu onsoriya malamulo na mpinddo ohinsoriyiwa malamulo

Mpinddu onsoriya malamulo buubule onkosiwa mmalojani, mmisikani dhing'ono, mmisikani dhinddimuwa na mmakantinani.

Mpinddu ohinsoriya malamulo buubule onkosiwa mudila, mmajaridini, vathaddo va vatakulu viina mbelrelreni mwa nyumba.





**Nladdaniyo 47:** Mpinddo onriya malamulo



**Nladdaniyo 48:** Mpinddo ohinriya malamulo

Mpinddu bwa makamaka sabwa wi onowavaha athu dhifunelo dhinajombela, onovaha ganyo viina onowagumaniya athu andela mirudda dhoothiyana.



### Mabingiyo

1. Mpinddu ciini?
2. Othiyana gani oliwo wa mpinddo onriya malamulu na wahinriya malamulo?
3. Oromole thima ya mabasa a makamaka ankaliya athu asunzile weyo



## Osunzevi

## Merelo ansokela onyongeya wa munkaliwa

Munkaliwa na dhootene dhinirugunuwela dhinosadduwa siku na siku.

Ayikalawo mabasa othiyana-thiyana anthidda muthu ansokela onyongeya wa munkaliwa ninga: oddumeya maddebe, otakaliya munkaliwa, otakaliya manje, ogwadda miri burebure, na zungo na mmatakulu.



### Ntapulelo na mazu

**Munkaliwa** – wiwananeya oliwo wa anamakalawo anvuma na anamakalawo ahinvuma mwilaboni.

**Onyongeya** – okwa na onyongeya wa dhootene dhili munkaliwa.

**Otakaliya** – opigidheya wa dhootene dhinirugunuwela.

## Thima ya obarela viina osasanyedha munkaliwa

Wi athu akose efunelo yawa siku na siku, anowirela munkaliwa dhifunelo dhawa. Dhifunelodha dhinosokela wuuma wa mathadda, otokoriwa wa takwa, otiba dhoorela dha vati na merelo menaguwa othiyana.

Wila athu akalewo paamene, ja makamaka obarela munkaliwa wi athu anadhegewo afwanye dhoorela dha mwilaboni, sabwa wi munkaliwa pungumela iyo dhooja na dhitagano dha mabasa dhinlabiwana mmafabirika.

Magano ankamiyedha obarela munkaliwa:

- Ovokela zungu mweruduni enddimuwa, mmiliyadi, obe otibela;
- Othiya ngwilro manje ambara, a mwiko na a muthaddani;
- Ogwadda miri egafuneya;
- Osasanyedha paamene dhinama.



### Ddisunza wi:

No dia 5 de Junho de cada ano celebra-se o dia mundial do ambiente .



**Nladdaniyo 49: Okuputhiwa wa bara**



**Nladdaniyo 50: Oceyiwa na obareliwa wa miri**



### Mabingiyo

1. Otakaliya munkaliwa ciini?
2. Ciini enfwanyela weyo okosa wi obarele munkaliwa?
3. Sabwani kinfwanyela oddumeya maddebe na okwadda miri burebure?
4. Sabwani kinfwanyela ovokela zungu manjeni a mbara, a mathadda na a mwiko?
5. Thima gani ena munkaliwa mwa athu?



## Dhipano dhooweddana na munvirani

Dhipano dhooweddana mikalelo dhinakamiyedha athu wedda na othukula malronda ovenyana mburo modha mpaka mubro mwinaguwa.

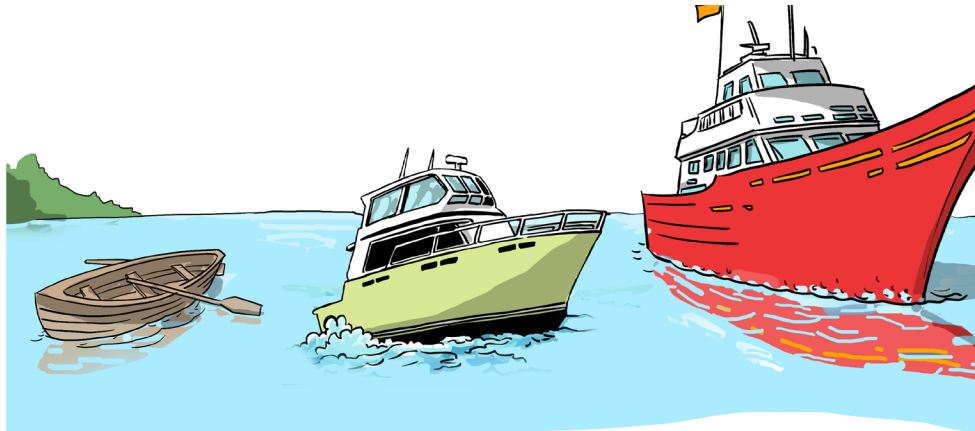
### Mikalelo wa dhipano dhooweddana na munvirani

Dhikalawo mikalelo miraru wa dhipano dhooweddana dhili: dhipano dhinedda odhulu, dhipano dhinedda vati, na dhipano dhinedda mmanjeni.



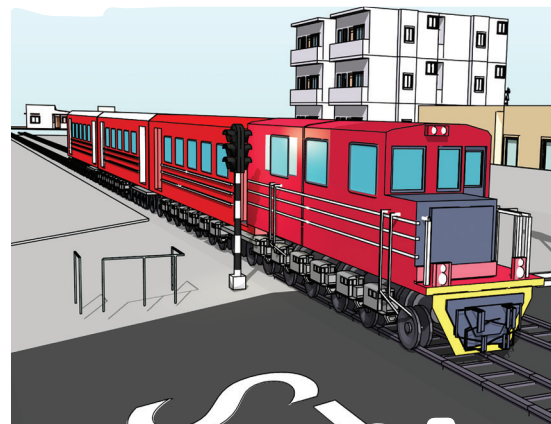
Nladdaniyo 51: dhipano dhinedda odhulu

Dhipano dhinedda odhulu siisi: Balawu na navilirindo.



### Nladdaniyo 52: Dhipano dhinedda mmanjeni

Dhipano dhinedda vati siisi: mukukutha, kamboyi, mota, mujinga na karosa.



### Nladdaniyo 53: Dhipano dhinedda vamathakani





**Ddisunza wi:**

Wila athu viina dhipano dhooweddana dhiwedda, mukala mwegu munvirani.

Maladdaniyo ali muciddo anotonyiyedha mwegu munvira dhipano dhooweddana:

Kwaduru mungwaddeliwa dhipano dhooweddana

Mikalelo dha dhipano dhooweddana	Dhipano dhooweddana	Dila munvirani
Dhinedda vamathakani	Mukukutha, mota na mujinga	Murampani
	Kamboyo	
Dhinedda odhulu	Balawu na navilrinddo	Odhulu
Dhinedda mmanjeni	Pangaya, papooro na mwanddiya	Mbara, mwiko na muthaddani



 **Esekeso ya Mmasunzoni**

1. Otota ciini?
2. Dhipano gani dhinlabiyedhiwa mmatoteloni osapela vatakulu?
3. Mwa dhinama dhinfwarela: baala, ng'ombe, mujili na mbuzi. Wike X dhinama dhinfwanyela ototiwa.
4. Othiyana gani oliwo wa malrondda ansoriya malamulo na malrondda ahinsoriya malamulo?
5. Ciini enfwanyela okosiwa wi nibarele munkaliwa?
6. Sabwani kinfwanyela oddumeya takwa burebure?
7. Sabwani kinfwanyela ovokela zungu mmanjeni a mbara, a muthaddani na a mwiko?
8. Thima gani ena munkaliwa mwa athu?
9. Dhipano dhooweddana ciini?
10. Mikalelo gani wa dhipano dhooweddana dhisunzile weyo?



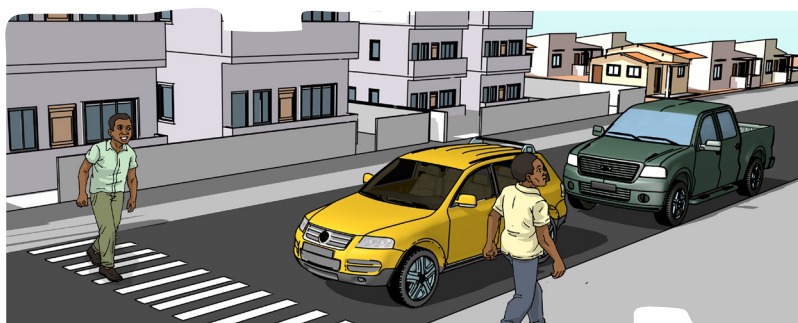
## Osunzevi

### Gano dhoovibarelana murampani

Gano dhoovibarelana murampani obe mudila, malamulo anabarela athu na dhipano dhooweddana agakala mudila obe murampani akosaga oleddo.

Wi olupele kobela yinaguwa ya murampani na mukalelo woobareleya, ja makamaka osoriya gano esi dhoovibarelana:

- Wang'ane wuujana na wemarani wi onele akala kavali ng'ovi;
- Olupa dila ohithamagaga;
- Olupa dila weddaga endduni ya mukukutha;
- Weddele epaddi ya wuujani murampani, owoonaga mikukutha dhindela osongolro wawo;
- Ohiddombinye muthitho viina ohike foni omaruni ogeddaga murampani.



**Nladdaniyo 54:** Ovira mupasaderani na wedda makome a rampa

### Dhizinddiyelo dha murampani

Murampani mukala dhizinddiyelo dhoothiyana dhinkamiyedha weddamo.

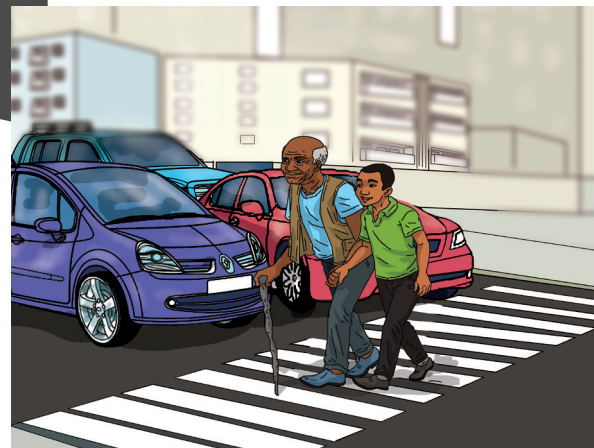
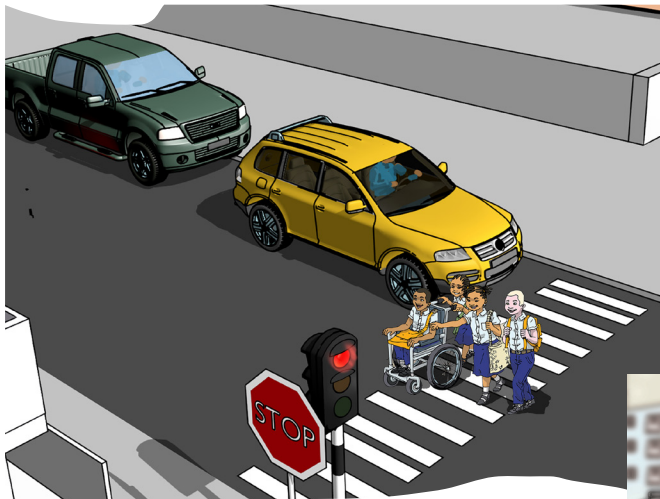
Dizinddiyelodha dhinowakamiyedha athu anedda na meddo murampani viina athu anedda na mikukutha muramani.

Semaforo – ezinddiyelo enthidda enakamiyedha athu anedda na meddo viina mikukutha dhinedda murampani na mukalelo woobareleya.

Semaforo enthidda malremba mararu, nremba noofila, nremba na njano na nremba na mataba a manddimwi. Nlremba noofile nitapulela mwimela wa mikukutha ovira wa athu anedda na meddo.

Nlremba na njano nintapulela mudhidhi woocinja nlemba ninaguwa.

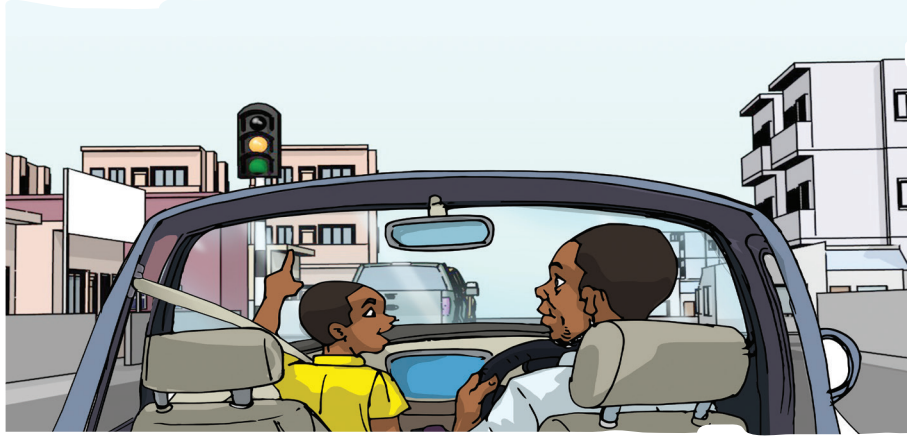
Nlremba na mataba a manddimwi nintapulela ovira wa mikukutha vano wimela wa athu anedda na meddo.



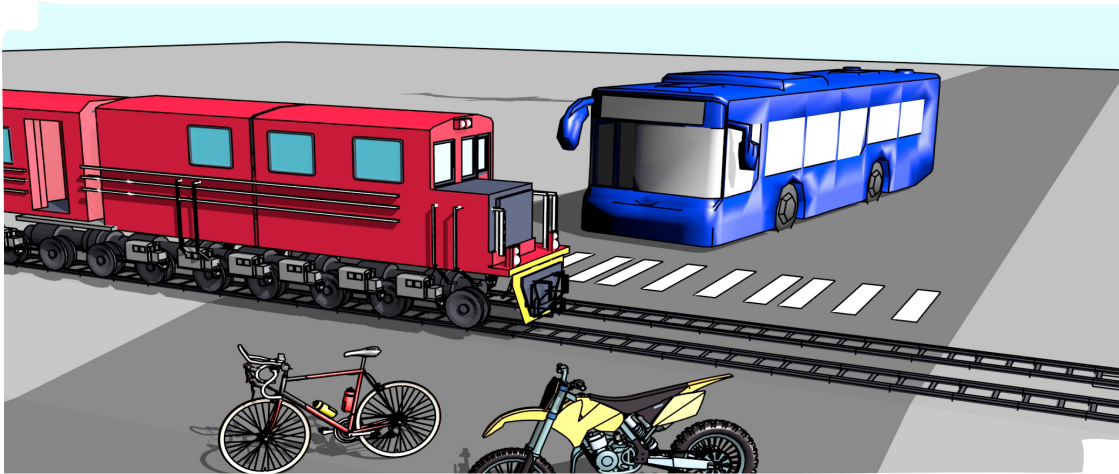
**Nladdaniyo 55:** Anamedda na meddo alupaga rampa

Pasadeera- ezinddiyelo ya murampani entonya mburo onfwanyela athu anedda na meddo oviramo.

Mwabuwelo wa kobela - ezinddiyelo ya murampani entonya wi janji enovira vari varampa.



**Nladdaniyo 56:** Okalela pasope na ocinjeya wa niremba na semaforo



**Nladdaniyo 57:** Mwabuwelo wa kobela vahili mwang'aneli



### Mabingiyo

1. Wakwaniye ddimya ya mazu:

Gano dhoovibarelana murampani obe mudila, \_\_\_\_\_  
 anabarela \_\_\_\_\_na \_\_\_\_\_dhooweddana  
 agakala mudila obe murampani akosaga oleddo.

2. Oromole gano tharu dhoovibarelana murampani.

3. Semaforo ciini?

4. Semaforo enlabela nni?



5. Osaziye ddima dha mazu mukaderinoni mwawo ogamala wakwaniye mimburo dhinjomba:
6. Semaforo enthidda malremba mararu, \_\_\_\_\_, \_\_\_\_\_ na \_\_\_\_\_.
7. Oliganiyena mukweretonlremabana semaforonantapulelona:

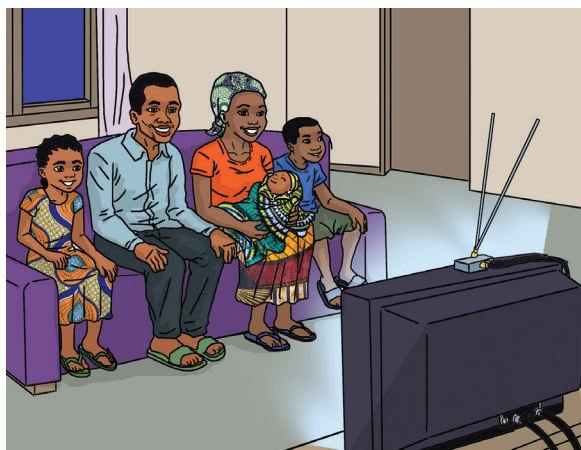
Malremba a semaforo	Ntapulelo na nlremba
Nlremba noofila	Entapulela mudhidhi woojinca nlremba.
Nlremba na njano	Entapulela wimela wa anamedda na meddo vano mudhidhi woovira mikukutha.
Nlremba na mataba a manddimwi	Entapulela mudhidhi woowimela mikukutha vano mudhidhi woovira anamedda na meddo.



## Osunzevi

### Dhipano dhoovaviyana mpaganyo

Dhipano dhoovaviyana mpaganyo siisile dhinakamiyedha athu onona mapadduwo a mimburo dhinaguwa. Dhipano dhoovaviyana mpaganyo siisi: jorinali, radiyu, televisori, muthitho wa mmadani na njangalra.





**Nladdaniyo 58:** Olabiyedhiwa wa dhipano dhoovaviyana mpaganyo

Na dhipano dhovaviyana mpaganyo, athu anozwiwa mapadduwo a mwilaboni mwehu viina mapadduwo a dhilabo dhootakulu. Mbwenye, dhipanodha esi sabure dhigalabiyedhiwa na obure.

Masiku abano, athu anologa alabiyedhaga interineti. Mukalelo obu woologa onomukamiyedha muthu ologa makani na akwaye, otamele dhoonona viina waziwa athu a mimburo dhoothiyana.

Ogalabiyedhaga interineti ja makamaka okala pasope na dhilobo ninga:

Onavuwiyeye muselo wa omuthu wawo, nyumba enkala weyo na numuru nawo na muthitho;

Onavuwiyeye maladdaniyo antonya nyumba yawo, xikoola yawo na miselo dhinaguwa;

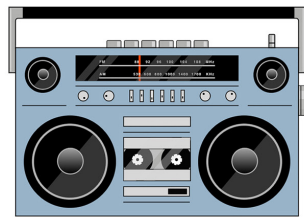
Ogamagaga omalro mwinterinetini, vano onofuna ogumana na muthuya, ja makamaka okala pasope, noona enofwanyela wapanga ababi awo obe amabali mwaha muthuya ondowa weyo ogumanana.

Dhipano dhoovaviyana mpaganyo sa makamaka sabwa wi dhinokamiyedha ovaviya mpanyo, othambilra mpaganyo viina ologa na athu enaguwa ali uddayi.

Mutonyo wa thima ena dhipano dhoovaviyana mpaganyo:

- Na muthitho ninowodha ologa na anamudhi ali uddayi;
- Televisori enonikamiyedha woona viina owuruwana mapadduwo a mwilaboni mwehu na mapadduwo a dhilabo dhootakulu.

Wengesela jorinali enonikamiyedha oziwa mapadduwo a elabo yehu na mapadduwo a dhilabo dhootakulu.



**Nladdaniyo 59:** Dhipano dhoovaviyana mpaganyo



## Mabingiyo

1. Dhipano gani dhoovaviyana mpaganyo dhinziwa weyo?
2. Dhipano dhoovaviyana mpaganyo dhinlabela nni?
3. Epano yoovaviyana mpaganyo elici mporovinsiya yawo jiivi?
4. Thima gani ena dhipano dhoovaviyana mpaganyo?



## Dhisunza wi:

Athu kangaweya na mukalelo modhene sabwa ya dhilobo dhoothiyana;

- Elabo yehu erela mwa mimburo dha nleba dhahindduwaleya;
- Mathaka anonivaha dhooja dhinji dhinikaliyawo;
- Bara, mwinje na mathadda dhinonivaha dhooja ninga oba;
- Mpinddo mabasa owoobola, ogula na oguliya malrondda;
- Dhipano dhooweddana dhinowakamiyedha athu wedda na othukula malrondda.
- Noteene ninofwanyela osoriya dhizinddiyelo dha murampani;
- Pasadeera mwego munvira anamedda agafunaga olupa rampa na mukalelo woobareleya.

## Esekeso ya Mmasunzoni

1. Oromole mabasa ankaliya athu anthiddiwa mwilaboni mwehu.
2. Thima gani ena mabasa olima?
3. Milima dha makamaka dhinlimiwa muporovinsiyani mwawo siivi?
4. Mabasa osapa anxthiddiwa uuvi?
5. Mabasa ofuwa oba ninga pendde na mukamba mumburoni dhoofugeya anithaniwa dhaavi?
6. Avikulutura ciini?
7. Osaziye mukaderinoni mwawo ddima ya mazu ali muciddo, ogamala wakwaniye mimburo dhinjomba:  
Pekuwarriya nibasa na makamaka sabwa wi ninosokela \_\_\_\_\_ ninga \_\_\_\_\_, \_\_\_\_\_, thebe viina \_\_\_\_\_.
8. Dhipano dhinlabiwana mmabasani ototo woosapela vatakulu siivi?
9. Othiyana gani oliwo mumpindduni onriya malamulo na mpinddu wahinriya malamuloo?
10. Ciini enfwanyela okosiwa wi nibarele munkaliwa?
11. Oromole mikalelo dha dhipano dhooweddana dhisunzile weyo.
12. Osaziye mukaderinoni mwawo tabela eli muciddo, ogamala oliganiye na muweretu mukalelo wa dhipano dhooweddana na dhipano dhooweddana.

Mikalelo wa dhipano dhooweddana	Dhipano dhooweddana
Dhipano dhinedda vati	Balawu
Dhipano dhinedda odhulu	Papooro
Dhipano dhinedda mmanjeni	Mukukutha



Oromole gano tharu (3) dhoovibarelana murampani.

14. Semaforu ciini?

15. Osaziye mukaderinoni mwawo ddima dha mazu dhili muciddo, ogamala wakwaniye mimbuuro dhinjomba:

a) Nlremba na ofila nintapulela wimela wa \_\_\_\_\_  
vano ovira wa \_\_\_\_\_.

b) Nlrembanamatabaamanddimwinintapulela \_\_\_\_\_  
wa mikukutha vano wimela wa \_\_\_\_\_.

16. Dhipano dhoovaviyana mpaganyo ciini?

17. Oromole mitonyo miraru (3) dha mikalelo dhoovihinanela nigalabiyedhaga interineti.

18. Ovahe mitonyo miili (2) mwaha thima dhina dhipano dhoovaviyana mpaganyo.