

Zowulutsira zodabwitsa

Zomwe tiphunzira sabata ino:

- Chifukwa chiyani mileme imawulukira
- Momwe mileme imawulukira
- Mphamvu zofunika paulendo wa pandege
- Maonekedwe a mapiko ndi njira zowulukira

Phunziro
6



Moni anzanga, mumalalakalaka mutakwera ndege? Chimodzi mwazinthu zabwino kwambiri zokhala mileme ndikutha kuwuluka.

Nachi FANTASTIC FACT - Mleme ndi nyama zokhazo zomwe zimatha kuthawa kwenikweni.

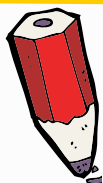
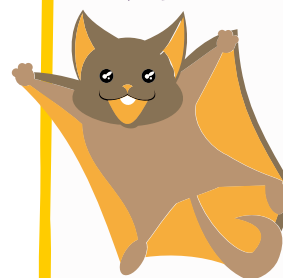
Nyama zina zoyamwitsa zimatha kuyandama kapena parachute, mwachitsanzo ma glider omwe amatchedwa "agologolo owuluka" amatha kuyandama kuchokera kumtengo kupita kumtengo koma mitengo ikatalikirana palibe kuombetsa manja kungawafikitse patsogolo.

Mileme ndiyo nyama yokhayo yomwe imatha kugwa (kawirikawiri kuchokera pachisa chawo), kuwuluka ndikupitiriza kuwuluka. Mileme ina imatha kunyamuka moyima kuchokera pansu.

Mukawona
chizindikiro ichi:



mufunika thandizo
kuchokera kwa
munthu wamkulu.



Musaiwale, chizindikiro cha pensulo chimatanthauza kuti ndi nthawi yanu yoti muchitepo kanthu!

Taphatikiza mawu onse atsopano pamndandanda wamawu kumapeto!

Mudzafunika:

Onani zochitika za sabata ino kuti muwone zomwe mukufuna pa iliyonse!

1 N'chifukwa chiyani timauluka?

- 1 Choyambirila ndi njira yachangu poyerekeza ndi kuyenda kapena kusambira. Kuuluka kumagwiritsa ntchito mphamvu zambiri pakamodzi koma kumagwiritsa nchito mhamvu zochepa mthupi.
- 2 Timauluka kuti tikasake chakudya, izi zimatha kusintha usiku ndi usiku kapena nyengo ndi nyengo.
- 3 Timaulukanso kuti tisinthe malo okhala, timafunikira malo okhala osiyana nyengo zosiyanasiyana, nthawi zina malo okhala ameneŵa amakhala kutali kwambiri.
- 4 Mukatha kuchoka ku A kupita ku B mwachangu pamakhala mwayi wochepa woti nyama itha kukuwona.
- 5 Ena aife timayenera kusamuka ndeno kutha kuwuluka m'zipululu, nyanja ndi mapiri ndikophweka kuposa kuyenda, kuthamanga kapena kusambira mpaka kutali.



Moni, ndine Eidolon, mleme wamitundu yaudzu. Pankhani youluka, ine ndi anzanga tinatchuka padziko lonse lapansi! Ndiroleni ndikuuzeni chifukwa chake;

M'mwezi wa October mamiliyoni ambiri a ife timawuluka kupita ku Kasanka National Park ku Zambia. Timakhala ochuluka ndipo timapanga kusamuka kwakukulu kwambiri kwa nyama zo yamwitsa zapadziko lapansi!

Ena a ife timauluka mtunda wa makilomita oposa 1000 kukafika ku Kasanka. (Zimatitengera nthawi kuti tifike kumeneko!) Pofika kumapeto kwa December timatha kumafika pafupifupi milime 10 miliyoni ku Kasanka.

Si mileme yokha yomwe imapita ku Kasanka, anthunso amadza kudzawonela mamiliyoni a mileme tikuwuluka mwamba. Ndife okopa alendo, komanso gawo lofunikira la chilengedwe.

Mapiko a mleme – mafupa aatali ndi nembanemba yotambasuka

Mileme ndi ya gulu la nyama zomwe asayansi amazitcha "Kayiropitera".

Kayiropitera amatanthauza phiko lam'manja. Manja a mileme ndi mapiko ake. Mafupa a mileme amafanana kwambiri ndi a munthu koma kusiyana kwakukulu n'kwakuti mileme imakhala ndi zala zazitali kwambiri poyerekeza ndi inu. (Tangoganizani kuyimirira ndi manja anu otsegula motambasuka ndi kulinganiza ndi mapewa anu. Mukanakhala mileme zala zanu zikanatalika moti n'kufika pansu.) Mikono ndi manja a mleme zimaphatikizana ndi nembanemba yopyapala yotambasuka kuti ipange mapiko ake.

Thupi la mileme ndi kuthawa

Pakamwa - Kupuma ndi
kumveka bwino
kumayendetsedwa ndi
mapiko a mapiko kuti
agwiritse ntchito mphamvu
moyenera

Mtima - waukulu kwambiri
kotero umatha kupopa magari
ambiri kupita ku minofu

Makutu - kunyamula ma
echoes

Minofu yamphamvu
pamapewa

Chala chachikulu -
Imathandiza mileme
kukwera pamalo
okwera kuti uwuluke

Mafupa a zala -
Aatali, amphamvu,
opepuka, amapangira
mapikowo

Mapiko a mapiko ndi
opepuka komanso
otambasuka

Miyendo,
nembanemba ya
mchira ndi tailbone
zingagwiritsidwe
ntchito ngati
chibrake

Titsitsi
ting'onoting'ono
pamapiko ndi mchira
timamva mpweya

Mapiko - Pindani
mmwamba pamene
simukuuluka

3 Momwe mileme imawulukira

Ikafuna kuwuluka, mileme yambiri imayamba ndikutsika kuchokera kwinkwake ngati mtengo, nyumba kapena phanga. Kuchokera kumeneko akatenga liwiro, amatsegula mapiko awo, "kugwira" mpweya ndi kuwuluka, monga momwe wodumphira mumlengalenga angachitire (kudumpha kuchokera mundege yapamwamba, ndiyeno kutulutsa parachuti!). Komabe mileme ina monga Bongi (mleme wofiirira wa ku Botswana wa makutu atali) omwe ali ndi mapiko otakata amatha kunyamuka pansi ngati atatero.



Ka membrane yopyapyala yotambasuka pamapiko athu ili ngati kukhala ndi manja a ukonde, ndipo imatithandiza kuyenda mosavuta mumlengalenga, posambira kapena kupalasa! Mikono ndi zala zathu zimathanso kusunthidwa kuti tisinthe mawonekedwe a phiko ndikusintha njira yathu yowulukira. Koteru mwachitsanzo, popinda phiko limodzi, titha kutembenuka mwachangu ngati tikufuna kutero.

Kuti tiwuluke, mileme timafunika kupanga zonyamulira kuti titha kupita m'mwamba kudzera mumlengalenga. Kuti tichite izi, timagwiritsa ntchito chiwopsezo chokwera ndi chotsika. M'mwamba mileme pindani mapiko awo kuti muchepetse kukana kwa mpweya. Ndiyeno pamene sitiroko ya pansi timakankhira pansi ndi mapiko athu mwamphamvu (amatchedwa thrust) ndipo izi zimatiipatsa mphamvu! Zonse ndi zotheka chifukwa tili ndi akatumba amphamvu kwambiri pamsana ndi pachifuwa.



4

Mphamvu zofunika paulendo



Kuwuluka ndikwachangu kuposa kuyenda kapena kuthamanga, ndipo mutha kufika mtunda wautali pakanthawi kochepe kotero ndi njira yabwino yoyendera. Koma zimatengera mphamvu zambiri. Mleme uyenera kukhala wogalamuka ndi kutenthetsa minyewa yake (monga ngati wothamanga asanachite maseŵera) asanawuluke. Minofu imeneyi iyenera kugwira ntchito kwa nthawi yaitali osatopa.

Ndikofunikira kwambiri kukhala ndi mtima wamphamvu wopopa magazi kuzungulira thupi lonse makamaka ku minofu yowuluka. Poyerekeza ndi nyama zina zoyamwitsa za kukula kofanana mtima wa mileme ukhoza kukhala waukulu kuwirikiza katatu, kutanthauza kuti ukhoza kupopa magazi mozungulira thupi la mileme pafupifupi kuwirikiza kawiri.



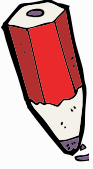
Mleme ukanyamuka, kapumidwe kake kamakwera kwambiri mpaka 4 mpaka 6 mofulumira kuposa asananyamuke. Pamene ikuuluka kugunda kwa mtima wa mileme kumakhala kothamanga kwambiri ndipo thupi lake limakhala lofunda kwambiri. Mtima umapopa magazi mofulumira kuzungulira thupi la mileme kuonetsetsa kuti minofu yake ili ndi mphamvu zokwanira.



Ntchito 1: Njira yofulumira kwambiri

yobwerera kunyumba!

Kwa inu!



Momwe mungasewere

Mudzafunika:



Dayisi

Kauntala ya



mileme (kapena batani kapena zina zofananira)

- Chiwerengero cha osewera - 2-5.
- Sindikizani kope la bolodi.
- Lolani wosewera wamng'ono kwambiri ayambe ndi kuponya kufa.
- Sungani chiwerengero cha malo omwe akuwonetsedwa pafayilo.
- M'mabwalo ena mleme wanu udzakhala ndi mwayi wotera pamalo opumira - mitengo ndi mapanga.
- M'mabwalo ena mleme wanu umafunika kupulumutsa mphamvu ndipo ungafunike kubwerera m'mbuyo kapena kuphonya njira (usiku wamphepo yamkuntho ndi mabwalo ausiku amphepo).
- Moyo wa mileme ukhoza kukhala wosadziwikiratu - Mutha kukhala wopanda mwayi ndikuchoka pamalo amitengo ndikungokupezani kuti mwafika pabwalo pomwe mungabwezeredwe kapena kuphonya, pepani! Zabwino zonse nthawi ina.

Tanthauzo

Zochita



Mtengo! Eya, mitengo ndi yabwino kwa mileme. Amapereka pogona, chakudya ndi zisa za mileme. Kudya mozungulira mitengo kumapatsa mileme mphamvu zowonjezera. Pobisalira mphepo ndi mvula kumathandiza mileme kusunga mphamvu pouluka.

Mukatera pabwalo lamitengo khalani ndi njira yowonjezerapo. (Sungani zala zanu mukupita kutsogolo kumalo amwayi)



Phanga! Hurrah, phanga limapatsa mileme wanu malo opumira kwakanthawi.

Tsopano mwapumula pang'ono kupita kumalo owonjezera.



Mphepo! Oo Pepa! Kuwuluka usiku womwe kuli mphepo kumatenga mphamvu zambiri.

Bweretsani mmbuyo malo awiri.



Namondwe! O ayi, kuzizira konyowa, nyengo yamkuntho kumatanthauza kuti sikuyenera kutuluka. Zidzakhala zovuta kupeza chakudya ndipo mleme wanu utha kugwiritsa ntchito mphamvu zambiri kuyesa kutentha ndikuwuluka mumphepo.

Khalani mu usiku - muphonye kukhota.

Njira yofulumira kwambiri yopita kunyumba

Dziwani kuti ndani yemwe ali wowuluka wotsogola kwambiri pampikisanowu kuti mubwererenso pachisanja mwachangu kwambiri. Samalani ndi mphepo yamkuntho ndi masiku amphepo, ndipo nthawi zonse yang'anani malo oti mupumule mapiko anu kuti mukafike kunyumba mwachangu.

56 	55 	54	53 	52	51 	50
43 	44	45 	46	47	48 	49
42 	41	40 	39	38 	37 	36
29 	30	31	32 	33	34	35
28	27	26 	25	24 	23 	22
15	16	17	18 	19	20	21 
14	13 	12 	11	10 	9	8
1	2	3 	4	5 	6 	7



5

Maonekedwe a mapiko ndi njira zowulukira

Mutha kuganiza kuti mapiko a mileme ndi mawonekedwe okhazikika koma kwenikweni mapiko athu onse ndi osiyana chifukwa timawafuna kuti azichita zinthu zosiyanasiyana. Ena aife tili ndi mapiko aatali opyapyala omwe amatilola kuwuluka mwachangu, ena amakhala ndi mapiko aafupi otambasuka zomwe zimatipangitsa kuwuluka pang'onopang'ono koma kosavuta kusuntha. Mukawona mleme ukuwuluka mlengalenga usiku, mudzawona kuti tonsefe tilinso ndi njira zosiyanasiyana zowulukira, ena aife timawuluka molunjika komanso mwachangu, ena amangoyang'ana uku ndi uku akusintha komwe akupita. Ndipo zonse ndizotheka chifukwa cha mawonekedwe a mapiko athu, ndisangalatsa bwanji?



Bongi

Mapiko anga otakata amatanthauza kuti ndimayenda bwino. Izi zikutanthauza kuti ndimatha kumvera tizilombo tikuyenda pamasamba ndikuzichotsa ndi mapazi anga. Sindili wothamanga kwambiri pakuwuluka ngati Avnaya koma ndili bwino m'malo odzaza ndi nkhalango.

Ndili ndi mapiko otalika pafupifupi 76 cm. Mapiko anga ndi aatali komanso ang'ono omwe amakwanira kuwuluka mtunda wautali.



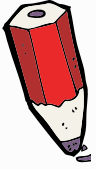
Eidolon

Avnaya



Ndine wowuluka mwachangu, ndikuzungulira mlengalenga, kuwuluka kwamtunduwu kumandithandiza kupewa zilombo!

Kwa inu!



Ntchito 2 : Pangani chidole cha mthunzi wa mileme

Pangani luso ndi anzanu ndikupanga zidole zazithunzi!



✓ 1 pepala

✓ Mkasi

Mudzafunika:

✓ Pensulo

✓ Cello tepi



Ndodo ya Kebab / skewer
(kapena china chofanana,
mwachitsanzo, nthambi
yopyapyala)

Malangizo:

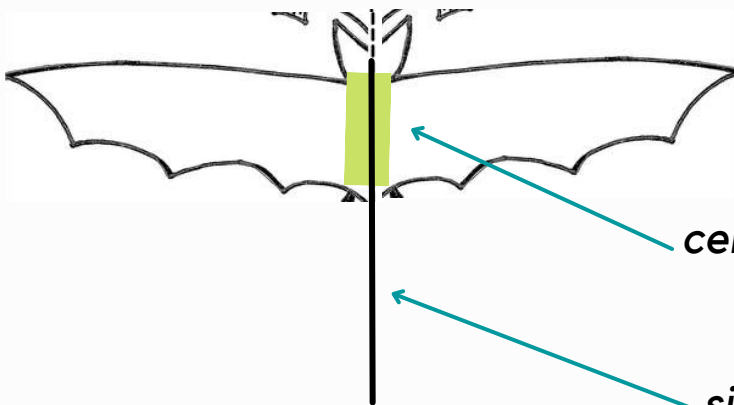
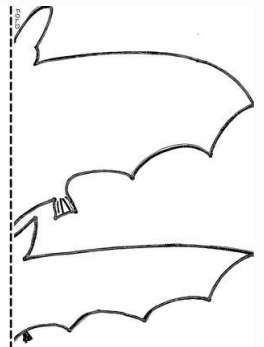


1 Pindani pepala lanu mu theka la m'lifupi njira kulemba pakati ndi kenako tsegulani pepalalo kachiwiri.

2 Jambulani theka la mleme wamapiko otakata ndi theka lopapatiza mleme wamapiko (gwiritsani ntchito tempaleti patsamba lotsatira).

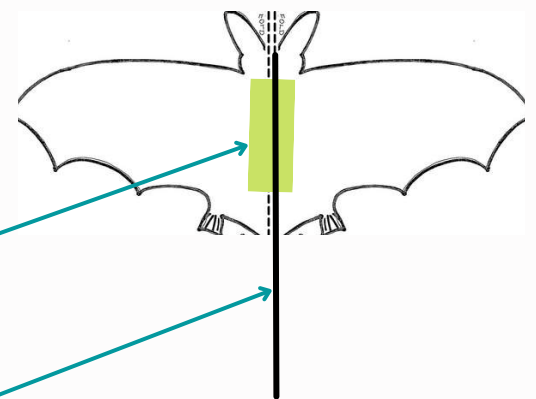
3 Pindani pepala ndikudula mawonekedwe a mileme.

4 Ikani sikewa pambali pa khola ndi sellotape m'malo mwake.



cellotape

sikewa



5 Gwirani ndodo ya skewer ndikuyiyendetsa mmwamba ndi pansu kuti mapiko a mleme wanu agwedezeke.

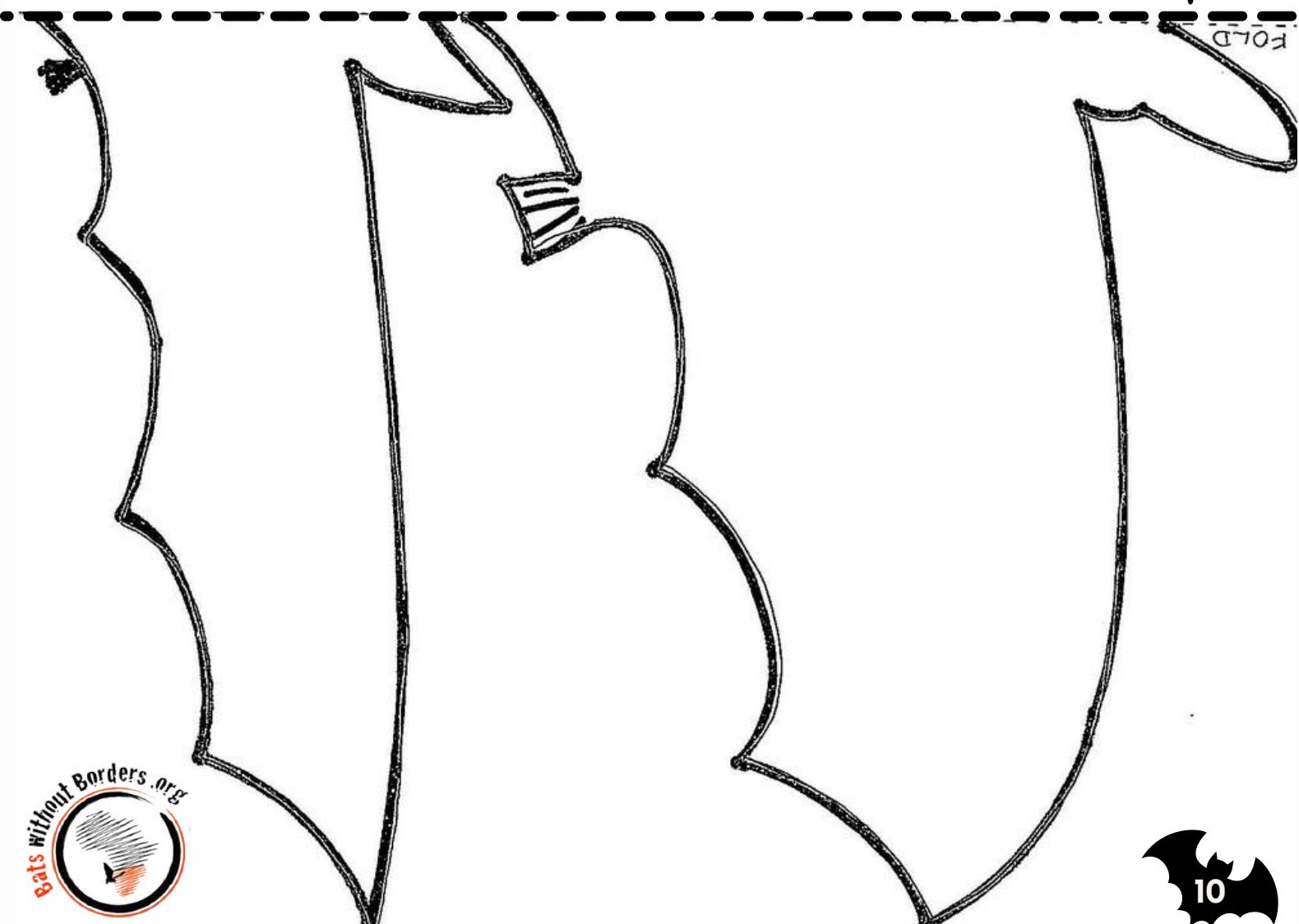
6 Pangani chidole cha mthunzi powunikira kuwala ndikupangitsa mthunzi wake kuwulukira pakhoma.

Kodi mukutha kuona kusiyana kwa mapiko awiriwa? Yambani pang'onopang'ono zidole zamithunzi yanu pafupi ndi nkhope yanu, ndi iti yomwe imakukokerani kwambiri? Ndi iti yomwe mukuganiza kuti ndiyabwino kwambiri pakuwuluka?



Nayi tempaleti yomwe mungagwiritse ntchito!

Pindani apa!



Kafotokozedwe ka mawu (mawu omwe taphunzira lero!)

Kayiropitera - amanthauza "phiko lamanja".

Mileme ndi ya gulu la nyama zomwe asayansi amazitcha Chiroptera.



Ndikukhulupirira kuti mwaphunzira
zambiri lero!

Palibe mayankho paphunziroli sabata.