

Kuyika chizindikiro





Zipangizo

Zomwe mukufunikira:

- Malo opanda mithunzi (kuchokera kumitengo, nyumba, ndi zina).
- Malo opanda zosokoneza (zinyama, anthu, etc.)
- Bolodi kapena chinthu cholimba chomwe chitha kukhalapo
- Chikhomo/ Ndodo yokhala ndi nsonga yowongoka (chingwe ndi chabwino)
- Pensulo kapena cholemba chokhala ndi nsonga yabwino yolembera mthunzi
- Zikhomo zamitundu yamitundu zitha kukhala zothandiza kuwona zopindika / mzere wowongoka momveka bwino pepala losonkhanitsira deta
- Kamera ya foni

Tsiku lapitalo

Dziwani izi:

- Dzuwa likamatuluka ndipo dzuwa likuphimba dera lanu
- Dzuwa likamalowa ndikuchoka mdera lanu
- Mithunzi iliyonse yamitengo, nyumba, ndi zina.

Izi zikuthandizani kupeza malo abwino kwambiri opangira zolemba zanu.



Yesani malo amithunzi ina

Malo opangira kafukufuku kuti akonzekere



**Zofunikira
kuyesa malo**

Yesani

Yesani zotsatirazi:

- Malo osiyanasiyana
- Ma board a kakulidwe kosiyanasiyana
- Ma Chikhomo/ Ndodo akulu akulu

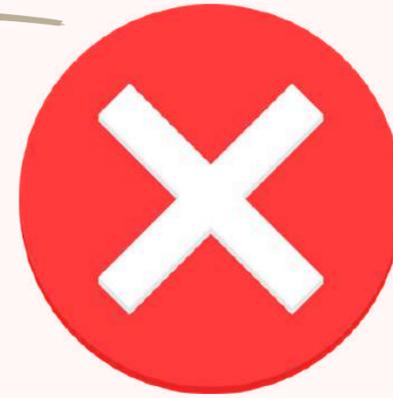
Mwinanso mungafune kukhazikitsa kuyesa koyesa kuti muwonetsetse kuti malo anu akugwira ntchito komanso kuti Chikhomo/ Ndodo yanu ndi kukula kwa bolodi zimagwirizana bwino.

Ngakhale ndikukhazikitsa kwa mainchesi angapo motalikirana ndidaponya mithunzi pa imodzi koma ndimatha kuyika chizindikiro cha Chikhomo/ Ndodo pa imzake.

Mphindi 8 pambuyo pake adapeza mthunzi pakati pa mithunzi yamitengo

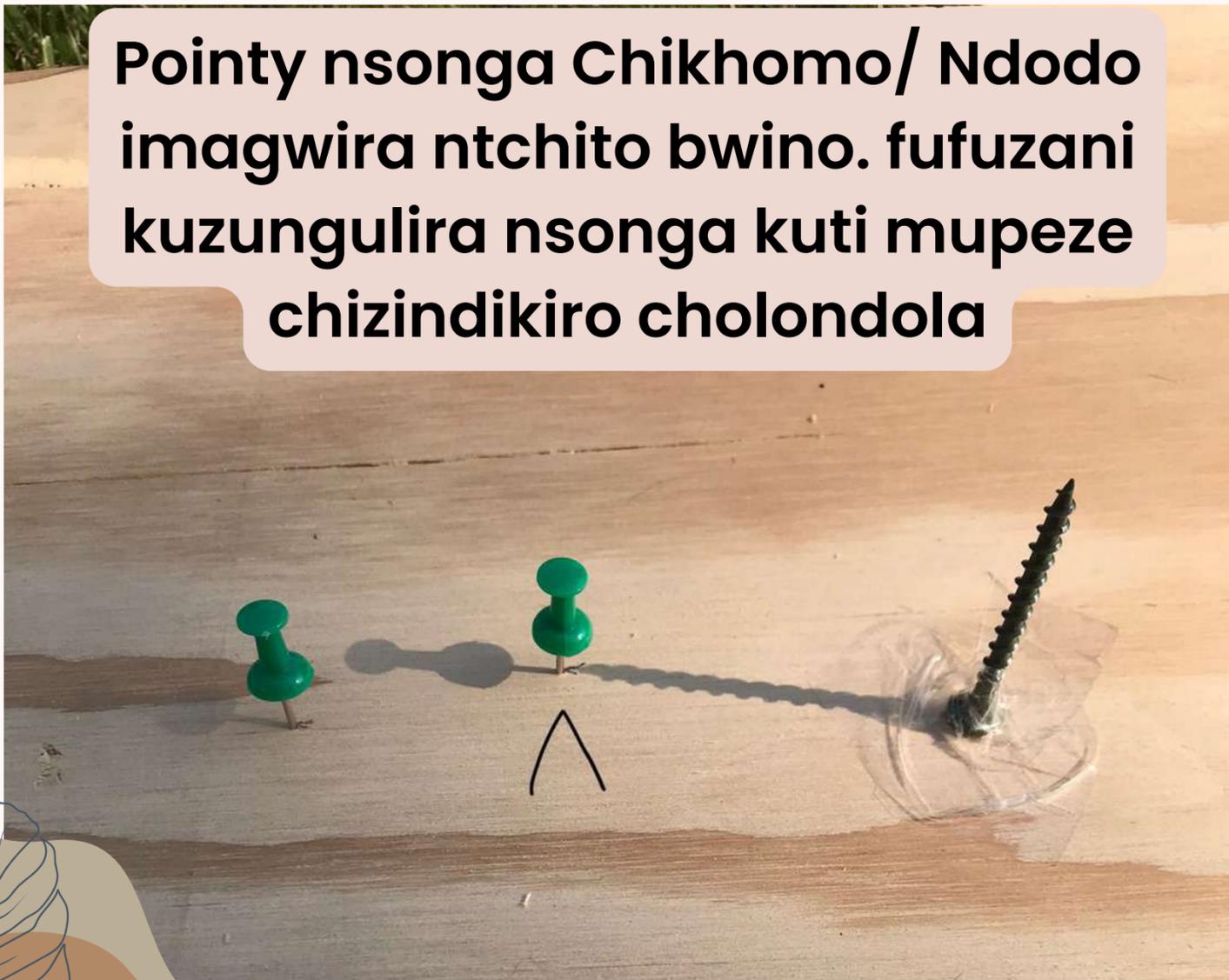


Chikhomo/ Ndodo



Pointy nsonga Chikhomo/ Ndodo imagwira ntchito bwino. fufuzani kuzungulira nsonga kuti mupeze chizindikiro cholondola

Nsonga yozungulira imapereka mfundo yochepa yolondola



Chikhomo/ Ndodo



Ma gnomons ataliatali adzapanga mtunda wokulirapo pakati pa zolembera.

Chikhomo/ Ndodo

16x16 pa



48x15.5 pa

Ma Chikhomo/ Ndodo ataliatali amafunanso bolodi lalitali.

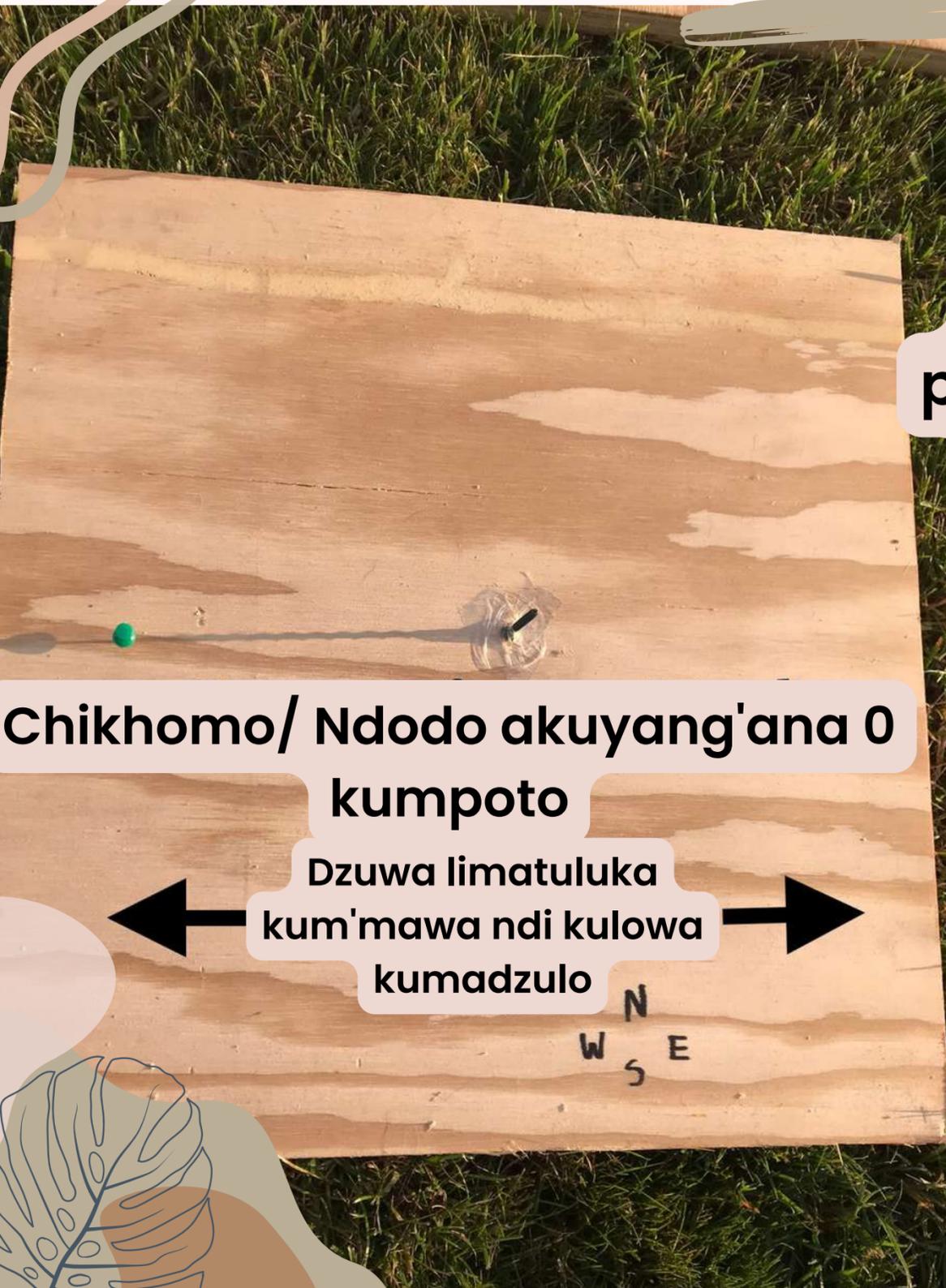
Kukhazikitsa

Malangizo:

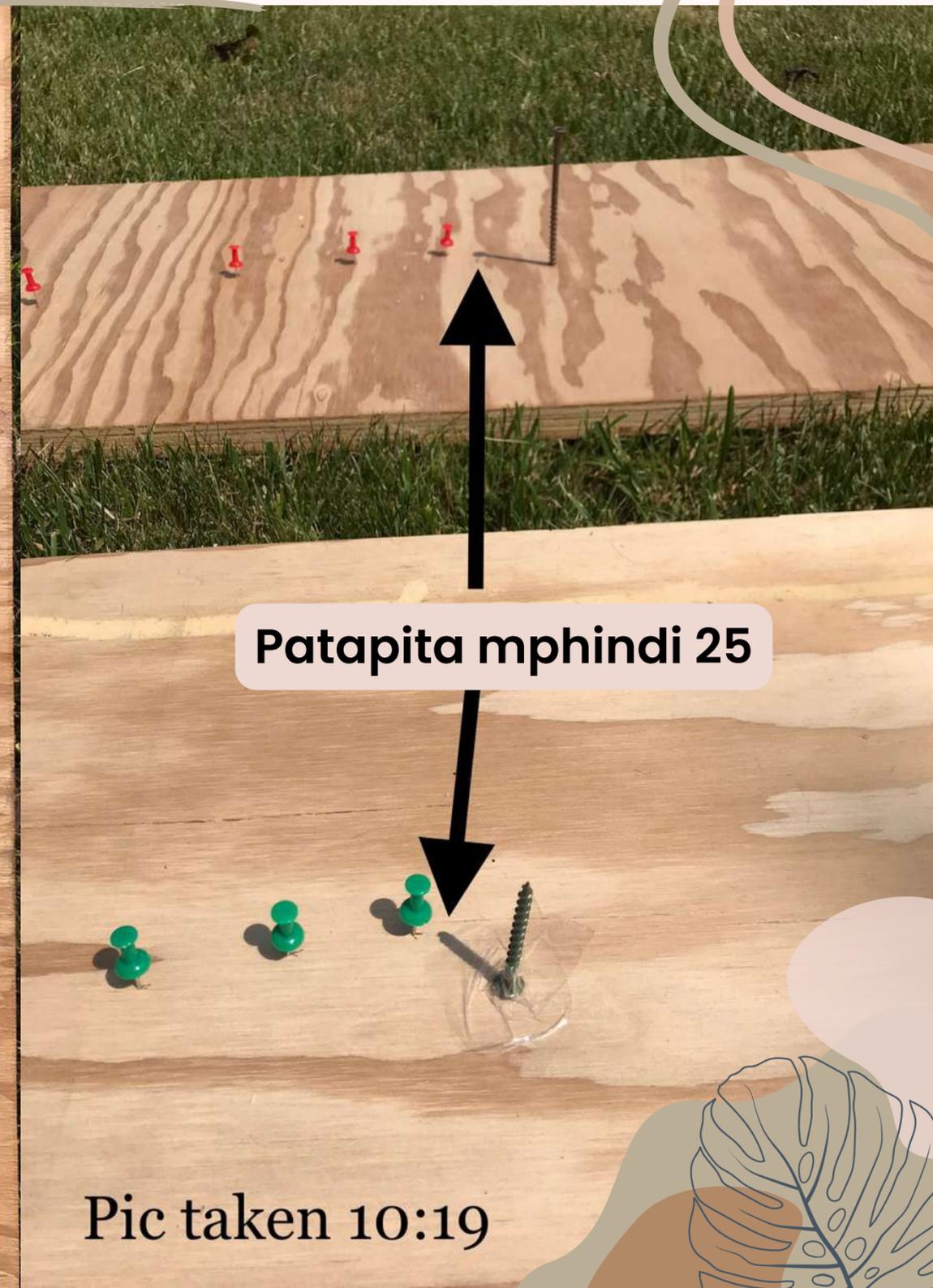
- Yesani kuyika Chikhomo/ Ndodo pa madigiri 90, perpendicular to board
- Ma board aatali ayenera kuthamanga Kummawa kupita Kumadzulo ndi Chikhomo/ Ndodo moyang'anizana ndi 0 Kumpoto
- Tsitsani pulogalamu ya kampasi kuti mudziwe komwe mukupita Mthunzi udzakhala wautali kwambiri dzuwa likamatuluka ndi kulowa
- Mthunzi udzakhala pafupi kwambiri ndi Chikhomo/ Ndodo pamene dzuwa liri pamwamba pake
- Tsitsani pulogalamu yoyezera kapena gwiritsani ntchito mulingo kuti muwonetsetse kuti bolodi lanu lili pamlingo wa 0 digiri pamalo athyathyathya



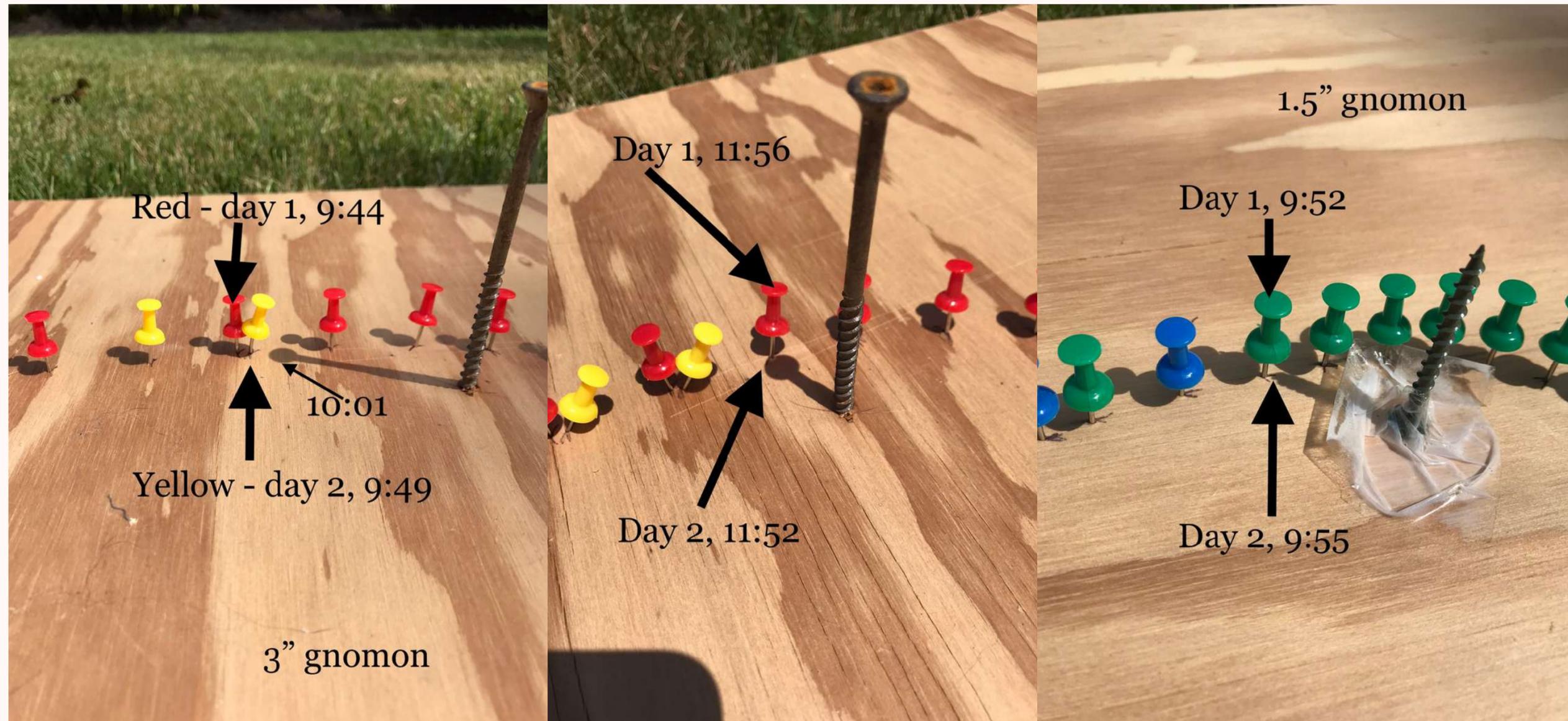
Dzuwa limayenda mofulumira!



mthunzi umayenda mofulumira pamene dzuwa limatuluka



Malangizo enda

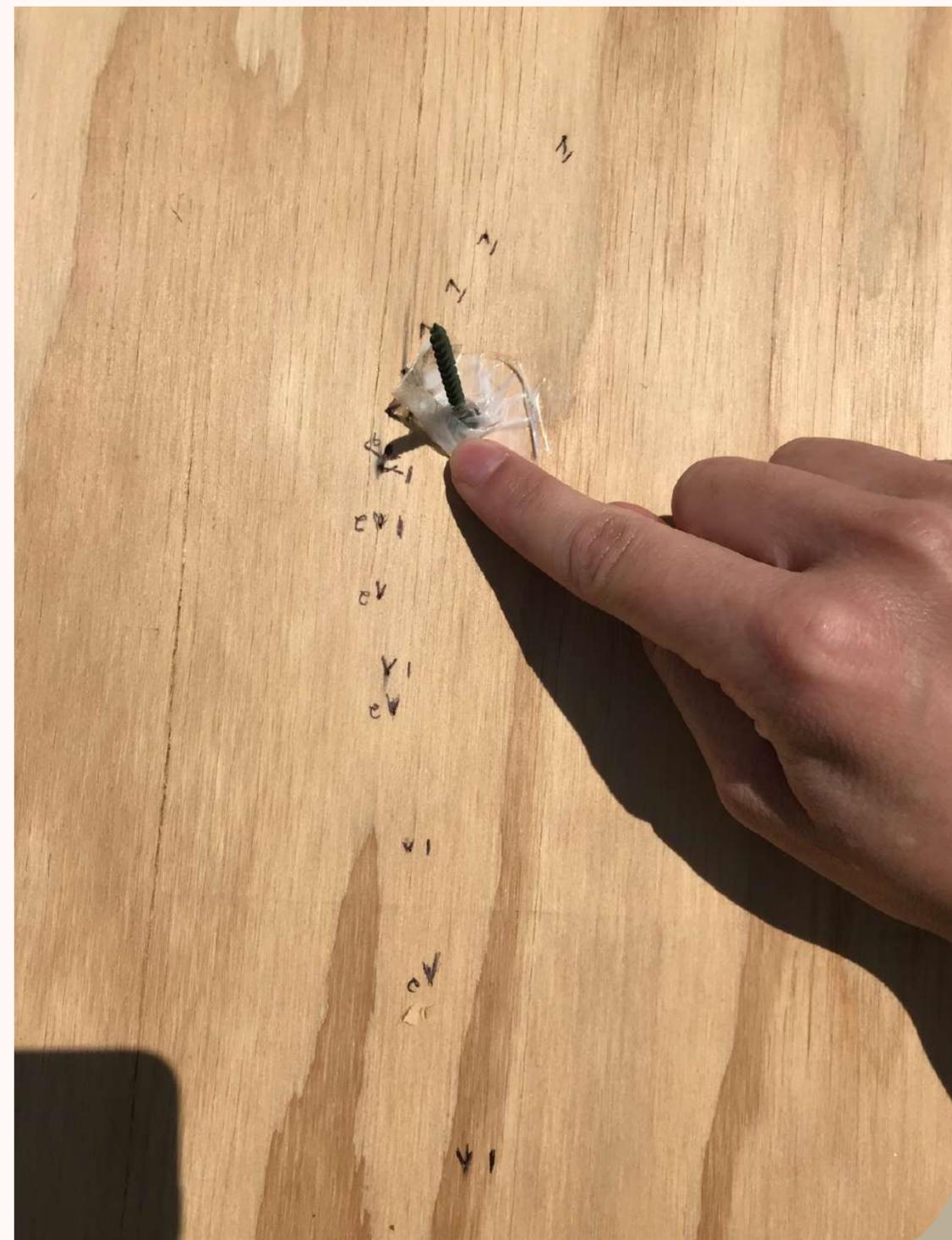


Poyambirira ndinali ndi zikhomo zamitundu yosiyana kwa masiku onse awiri koma zidayamba kudzaza dzuwa likayandikira masana. Mthunzi unali pafupi pachizindikiro chomwecho. Chifukwa chake kwa tsiku la 1 ndinali ndi zikhomo ndikujambula. Kenako anachotsa zikhomo zija. Ndipo idayamba ndi mapini atsopano a tsiku la 2.

Malangizo enda

Ndinagwiritsa ntchito tepi kuti nditseke chimodzi mwa Chikhomo/ Ndodo. Koma tepiyo inafika panjira yolembe mthunzi.

Chifukwa chake nthawi ina ndidzagwiritsa ntchito guluu kapena china chake chomwe chimapita molunjika pansi pa wononga mutu ndipo sichitenga malo pa bolodi lenileni.



Day 2

Momwe mungatsatire

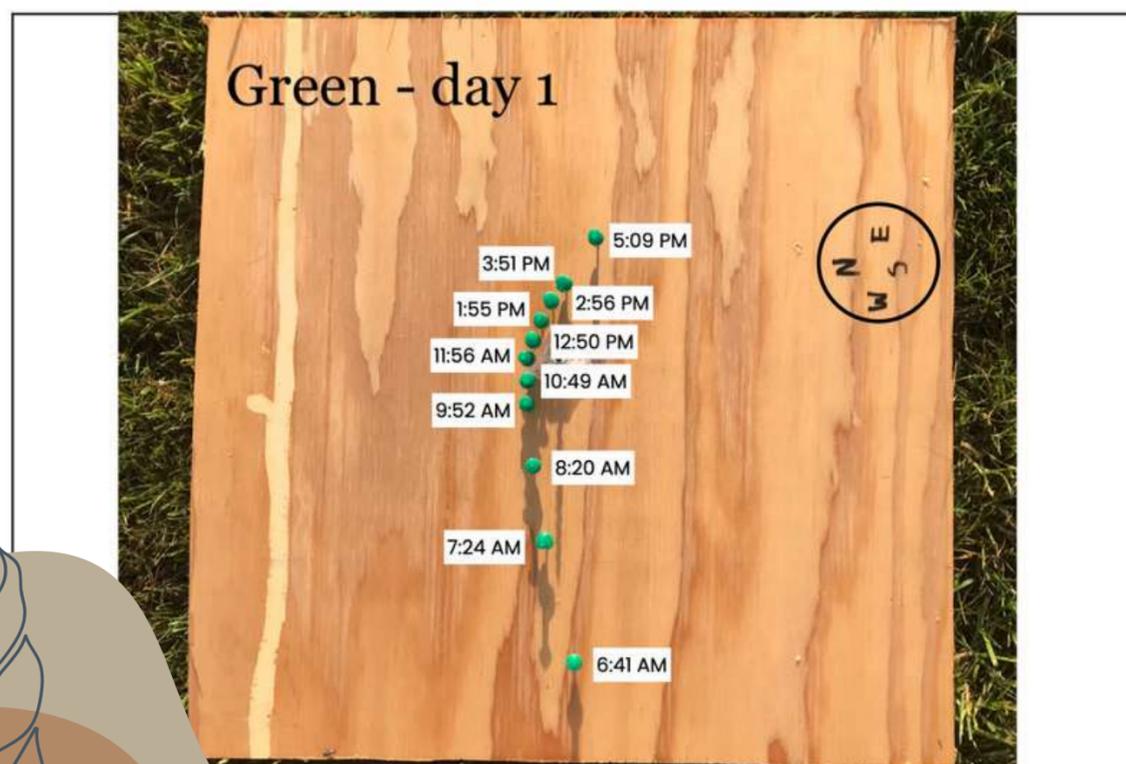
- Kumayambiriro kwa AM kuyika chizindikiro dzuwa likayamba kuchita mthunzi
- Gwiritsani ntchito pensulo yabwino kapena cholemba ndikutsata nsonga yamthunzi
- Ikani pini yokankhira pakati pa nsonga (posankha koma imakuthandizani kuwona mipiringidzo/mzere wowongoka) Tsatanipo kamodzi/ola.
- Track masana dzuwa
- Onetsetsani nthawi zomwe mwaphunzira
- Tsatani kwa maola osachepera 10

Kumapeto kwa tsiku lililonse:

- Jambulani chithunzi cha bolodi lanu ndikuyika patsamba losonkhanitsira deta OR
- Lembani kusonkhanitsa deta papepala ndikuyika pepala pa bolodi lanu kenako jambulani zonse ziwiri

Shadow marking data

Date of marking	June 20, 2023
Location	Long Island, New York, USA
Time zone name / UTC time zone	Eastern, UTC -5
Total markings	11
1st marking time	6:41 AM
Last marking time	5:09 PM
Solar noon time	12:50
Height of gnomon	1.5"
Length from 1st to last marking	9", 10.5 hours
Mark N, E, S, W on picture	In circle
Initials	JL



Kusonkhanitsa deta

- Tsiku lolemba
- Malo (boma, chigawo, etc.)
- Dzina la nthawi kapena UTC
- Zolemba zonse za mthunzi
- 1st cholemba nthawi
- Nthawi yomaliza yolembera
- Solar masana nthawi
- Kutalika kwa Chikhomo/ Ndodo
- Utali kuchokera pa chilemba choyamba mpaka chomaliza
- Mark North, East, West, South pazithunzi Zoyambira
- Tumizani kwa mtsogoleri wa gulu

Zida

Mawu omwe ali pansipa amatha kudina ndipo adzatsegulidwa kuzinthu.

Tsamba losonkhanitsira deta - chithunzi chachitali

Tsamba lotolera zidziwitso - chithunzi chachikulu cha

UTC ndi mayina anthawi

Solar masana Calculator

Shadow marking data	
Date of marking	
Location	
Time zone name / UTC time zone	
Total markings	
1st marking time	
Last marking time	
Solar noon time	
Height of gnomon	
Length from 1st to last marking	
Mark N, E, S, W on picture	
Initials	

Picture

Shadow marking data	
Date of marking	
Location	
Time zone name / UTC time zone	
Total markings	
1st marking time	
Last marking time	
Solar noon time	
Height of gnomon	
Length from 1st to last marking	
Mark N, E, S, W on picture	
Initials	

Picture