



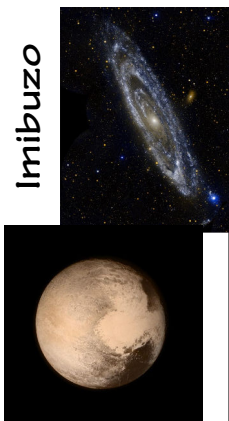
Kweelokunxele: uSisi
umHlabana omkhulu
kunayo yonke
enkatheni kamti futhi
uwumzuluane osicwe.
Isithombe sikhombisa
amabala aqhamile
epusweni bawo.

Uhlelo lweLanga

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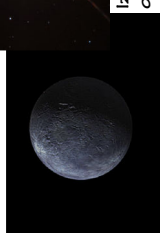
Imibuzo



Ngabe
lezizinto
ziyingxeny
yohlelo
lweLanga?



izimpendulo zikwi-overleaf



Okunenzimba Emincanyana

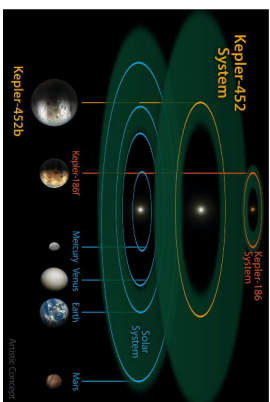
- InjitiHabana amatshane azungeza ilanga.
Ubukhulu bayo *buqhaya* kwi khulu
lamakhilonitsha. Atholekela kwibhandele
eliphakathi kwaboTshezi kanye
noMkhuluKhulwana, elibizwa ngokuthi
iseEkatsheni.

- UBhaganyezi amabhola enziwe
ngamaqhuwa kanye nothuli avela
emhlonzashis kanye

nakwisingungalanga. kwesinye isikhath
izibhaganyezi zye ziseondele elangeni,
okuzinokhaleayo. Oluandile ilolo
elibizwange-Halley's comet, elivakasha
njalo eminyakani eyama-75.

- iziGhumanyezi amatshane adandabuzwa
uhlelo lwelanga. Uma zingena emoyeni
womhlaba zibizwa ngeziGhumanyezi.
Uma zisinda ekuqhebulweni umoya,
zifika epusweni bomhlaba, zibizwa
ngamatshane ontkathini.

Izinyanga iziZungezinhlabazemvelo



Ekugelezeni indawo enguqunyane iNkanyezzi lapho aMvanzi ekwazi ukugalela khona ebuseweni boMzulu neNgwenxa yokuthi amanzanga okushisa awekho phezu kakhulu kanti futshi awekho phansi kakhulu. Amanzanga aluhlaza esithombeni akhombisa ekugalelweni kwaleziNkanyezzi esandla kukhushulwa. 17



Umadwebo
okhombisa ubuso
bomzulane i-proxim
b owaphakanyiswa
uzungeza inkanyezi
esondelene nelanga
lethu.

Ezinye Izizungezonhlelo

Ilanga linye lekulu lezinkulungwane
zezigidi zezinkanyezi* Ezikhona
kuMzilasimbe, uMuziMthalakazi
esiphila kuwona. Umzilasimbe
ungomunye yMthalakazi eyi-1 O¹¹
ekhona kuMkhatilibe. Ngabe-ke,
zingakanani izizungezonhle ezikhona
kuMkhatilibe wonkana?

Unzima lo mubuzo ngoba kunezinhlolo eziningi ezahlukene zezinkanyezi: ezinye zizishisa kakhulu kanti ezinye zipholile. Ezinye ziqhingiwe njenge langa lethu kanti ezinye ziyisishimanga. Singacabanga nje ukuthi ningi lezinkanyezi kumkhathilibe ziqukethe irizulane ewazungezayo.

umzulane ozungeza enye
waphakanyiswa ngowezi-1998.
Ekupheleni kowezi-2016, kwase
kwaziwa elinganiselwa kwizi-354
* thaleka kanje 10¹¹ 13

ILanga

ILanga iyiNkanyezi. Ithholakala kumong'a
 wohlelaIanga kanti liqukethe inani
 elingama-99.9% wesisingo
 esohlolanga.
 ILanga linesisingo esingumumo
 kwiziNkanyezi. Izinkanyezi zinkulu
 kunazo zonke ziba nesisingo esiphindeke
 kwinkulu ukulala ILanga, kanti ezincane
 ziba nesisingo esiphindeke isihurni
 ngaphansi kweIanga.
 Konke ukushisa nokuthanya
 okupharmuka eLangeri kupharmuka
 kwiNdeni yelanga lapho khona kwenzeka
 ingkubanoHwanzu.
 KwINuzi yelanga amazanga okushisa
 alingamiselwa kwizigidi eziyi-15.
 IWonga leLanga lilala izehlakalo eziningi
 ezahlukeni ezifana namabala ansundu,
 izidlanguzela, izivungu, kanye
 nesibababala esilhe esenzeka emhlabeni.



Ngaenhlia: ilanga, libukwa
ngevobu okuhanya ezahlukene(imibala).
Ukubuka izinhlobo ezahlukene zokuhanya
kuvumela oosayensi ukuthi bafunde
ingakho konke okwenzakala elangeni.
Isiboniseliso, amabala anisundu angawona
kwisokokhanya (4-00 kuya ku-700 nm) kanti
kuzikhiwathi ayabengeza.
Ukukhazimula kwelanga kubukhazi kakhulu
kuzukhithwi (1 Oya kuya ku-100nm) kanye
nabukhazimula (1 kuya ku-1 O nm).



**Kwesokudla: Imibalabala
idalwa ukushayisana
kwohoyane olujijile
olusuka eLangeni kanye
namaChwe asemoyeni
womhlaba.**

