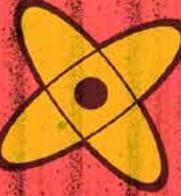


SCIENCE SPAZA



www.sciencespaza.org



UKUNAMBITHEKA KWANGESIKHATHI ESIDLULE!
UKUDLA OKWAKUDLIWA ABANTU BASENDULO



UKUBHEKA EMUVA

UKUVUBUKULA KUWUKUCWANINGA ABANTU BASENDULO NGOKUHLOLA UBUFAKAZI ABABUSHIYA NGEMUVA. ABANTU BASENDULO BABEDLA IZILWANE KANYE NEZITSHALO NGENDLELA NATHI ESENZA NAMUHLA.

ABAVUBUKULI BATHOLE IZINHLOBO EZININGI ZEZITSHALO EZIDLIWAYO EZINDAWENI OKWAKUHLALA KUZO ABANTU BASENDULO.

ISIFUNDA SASEMAMPONDWENI ESIGUDLE UGU OLISEMPUMALANGA YENINGIMU AFRIKA SIYIKHAYA LEZITSHALO EZININGI KANYE NEZIMBALI.
EZININGI ZALEZI ZITSHALO ZIYADLIWA FUTHI ZISASETSHENZISWA AMAMPONDO KANYE NABANYE ABANTU KUZE KUBE NAMUHLA.

EmaMpondweni, lapho okwakuhlala khona abantu basendulo eminyakeni engu-10 000 edlule



Knowledge is Ncah!



UKUZINGELA IMBEWU!

Izimbewu ziyingxeny
eqinile (okusanhlamvu)
yezitshalo ezivumela
ukuba zikhqize
izitshalo ezintsha.

Izimbewu zembowwe
yisikhumba sembewu
esiqinile esivikela
isitshalo esincanyana
esingaphakathi esibizwa
ngokuthi yi-embryo.

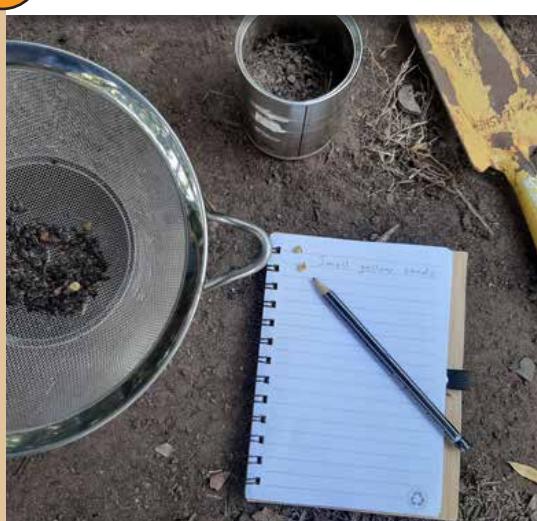


UZODINGA:

- ISHOFOLO ELINCANE,
UKHEZO NOMA ISITSHA
SOKUKHA INHLABATHI
- ISIHLUZI SASEKHISHINI,
ISISEFO NOMA INETHA
- AMANZI
- ISITSHA SOKUQOQA
IZIMBEWU
- INCWAJANA NEPENI

1 KHETHA INDAWO EPHEPHILE OKUKHULA
KUYO IZIHLALHA NEZITSHALO EDUZE
KWASEKHAYA NOMA ESIKOLENI
OZOTHUNGATHA KUYO.

2 YIKHA INHLABATHI BESE UYITHELA ESISEFWENI, ESIHLUZINI NOMA
KWINETHA YETIYE. THELA AMANZI PHEZU KWENHLABATHI UKUZE
USEFE INHLABATHI.



ABAVUBUKULI BAFUNA IZIMBEWU ZASENDULO

Ngendlela efana
nale owente ngayo,
abavubukuli nabo
baqoqa, bageze
futhi basefe
inhlabathi ukuze
bafune izimbewu
kanye nezinsalela
zefitshalo
emigedeni kanye
nasezindaweni
okuvubukulwa kuzo.



ukugeza nokuhlunga inhlabathi
wasendulo



Ukucinga imbewu yasendulo

UbuFakazi basendulo bezitshalo
ngokuvamile kunzima ukubuthola ngoba
buye badliwa nom a babola ngokuhamba
kwesikhathi. Ngezinye izikhathi,
izinsalela zefitshalo ziyelondolozeke
kuye ngesimo sendawo nom a inhlabathi,
njengasezindaweni ezihlale zimanzi
nom a ezome kakhulu.

Kodwa izimbewu etiningi zilondolozeke ezindaweni okuvubukulwa kuzo ngoba ziye
zasha, lokhu kusho ukuthi izimbewu ziye zasha zaba myama njengelahle.

Abavubukuli bafunda ngokudla okwakudliwa abantu basendulo etinsaleleni
ezishile.



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OKUTHALAKALA ENHLABATHINI YASEKHAYA

E-Waterfall Bluff rock shelter
eseməMpondweni eMpumalanga Koloni
abavubukuli be-P5 Project bəthola izimbewu
ezilondolozekile.

Lezi zimbewu zabasiza bekha kabusha
lokho okwakudliwa abantu basendulo lapha
eminyäkeni engaphezu kwengu-10 000 edlule.



IMISEBENZI: YENZA UMLANDO IKUSASA LAKHO!



UTatenda Tavingeyi

ungumvubukuli kanye nomphathi
welebhu e-P5 project oye wasiza
ekuhlaziyi ni izimbewu zasendulo
ezivela endaweni yasemaMpundweni
ese-Waterfall Bluff.

Ukuvubukula kukunikeza amathuba
ajabulisayo omsebenzi anjengalana:

- Abacwaningi
- Abaphathi belebhu
- Abanakekeli bemyuziyamu

UKUXHUMANISA IKHARIKHULAMU

- Amakhono Empilo Ibanga loku-1
kuya kwelesi-3
Icitshalo nezimbewu
- Isayensi Yezenhlaakahle
Ibanga lesi-5 kuya kwelesi-6
Isihloko: Abslimi bokugala eningizimu
Afrika kubhekiselwa kubazingeli
nabaqoqi
- Isayensi Yemvelo Ibanga lesi-7
kuya kwelesi-9
Izimbewu – isitho sokuzala
sezitshalo

Knowledge is Ncah!



VIVINYA ULWAZI LWAKHO

**UMYALELO: BHEKA LEZI ZINKOMBA BESE
UQAGELA IZIMPENDULO UKUZE UHLOLE
ULWAZI LWAKHO LWEMIVUBUKULO!**

1. Igama elichaza ukudla okudliwa ngumuntu
2. Ucwaningo lwabantu basemandulo endulo ngokubheka ubufakazi ababushiya ngemuva
3. Ingxene yeositshalo engaveza isitshalo esisha
4. Uma izinto zezitshalo zingaboli, abavubukuli bathi imbewu ibi ...
5. Enye indlela engaba yimisebenzi ka-archaeologist ukuba ... kwilebhu



lizimpendulo; 1. isidlo; 2. ukuvuukula; 3. imbewu; 4. liblondozakekile; 5. umphathi (wlebhu/kwilebhu)

QALA I-SCIENCE SPAZA YAKHO

Ingabe uyafuna ukuqala iklabhu yesayensi esikoleni sakho? Skena ikhodi ye-QR ukuze ubhalise i-Science Spaza Club yakho MAHHALA ku-inthanethi.

Vakashela kokuthi www.sciencespaza.org, sithumele i-imeyili info@sciencespaza.org, i-SMS noma i-WhatsApp kule nombolo 076 173 7130 noma usibhalele kuleli kheli PO Box 22106, Mayor's Walk, 3208.



SIFUNA UKUZWA KUWE!

SINGATHANDA UKUBONA UKUTHI ZINGAKI IZIMBEWU ONGAKWAZI UKUZIQQA ENDAWENI OKUYO!
SITHUMELE IZITHOMBE KULE NOMBOL
076 173 7130



P5 project iyinhlanganisela yabacwaningi bemikhakha ehlukahlukene ababambisene ekucwaningeni ukujwayela kwabantu ukuhlala ezindaweni eziseduze nogu. Imininingwane eyengeziwe nge-P5 project ingatholwa lapha <https://p5project.org>, ku-Facebook lapha <https://www.facebook.com/pfiveproject/>, ku-Twitter lapha <https://twitter.com/p5project> kanye naku-YouTube.

