

SCIENCE SPAZA

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UBUNCWANE BEMBALI!

UKUTYA EKWAKUTYIWA NGABANTU BAKUDALA



IMNANDI LENYAMA! NDIZIVA NGATHI NPINGUMNTU WAMANDULO PHAYA!

UNYANISILE, ABANTU BAMANDULO BABESITYA INYAMA, KODWA BABESITYA NENQWABA YEZIQHAMO KUNYE NEMIFUNO.



NYANI?

EWE, YINTO YOKUBA NJE KUNZIMA NGOKU UKUFUMANA IINTSALELA KWIINDAWO ZOPHANDO LWEZINTO ZAKUDALA/ ZAMANDULO KUBA ZITHI ZIBOLE LULA KUNAMATHAMBO KUNYE NAMAZINYO EZILWANYANA.



YHU, WOW BENDIKWAKWAZI OKO. NDIYAKROKRA KUFANELE NDITYE LEMIFUNO NAM.

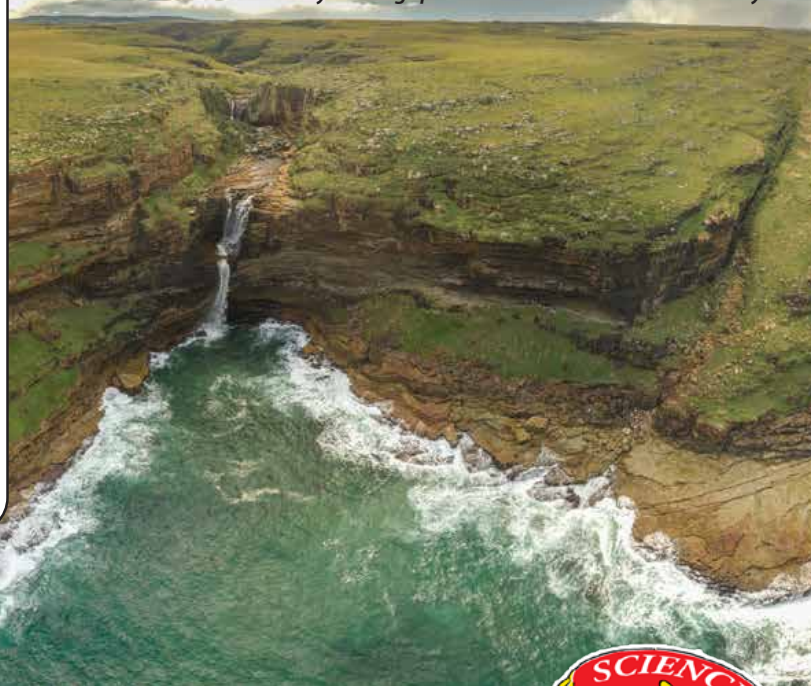
IBUYAMBO OKANYE XASIJONGA MANDULO PHAYA

UPHANDO-NZULU NDEZINTO ZAKUDALA, LUPHANDO OLUTHI LWENZIWE NGABANTU ABABEPHILA KWIXESHA ELADLULAYO OKANYE ELIDLULILEYO NGOKUTHI KUJONGWE UBUNGQINA ABATHE BABUSHIYA NGASEMVA. ABANTU BAKUDALA BABESITYA IZILWANYANA KUNYE NEZIQHAMO NJENGOKO SISENZA NATHI KWIXESHA LANGOKU.

IINGCALI ZOLUPHANDO ZAFUMANISA IINTLOBO NGEENTLOBO ZEZITYALO EZITYIWAYO KWIINDAWO APHO KWAKUHLALA ABANTU BAKUDALA.

IINGINGQI YASE **MPONDOLAND**, EMAMPONDWENI KE UKUTSHO, KUNXWEME LWAMAZANZI KUMZANTSI AFRICA LIKHAYA KWINQWABA YEZITYALO KUNYE NEENTYATYAMBO. UNINZI LWEZINTO ZIKHANKANYWE NGASENDLA LUYATVIWA, KWAVE LOSONWATVELWA NGAMAMPONDO KUNYE NABANYE ABANTU KUNANAMHLANJE.

EmaMpondweni apho kwakuhlala khona abantu bakudala, kwiminyaka engapha kwamawaka alishumi adlulayo.



Knowledge is Ncah!



IPHULO LOKUZINGELA IMBEWU

Imbewu lilungu lwesiqhamo elithi lidale okanye libangele unuka kubekho isityalo esitsha. Imbewu yogqunywelelwe yidyasi yembewu ethi ikhusele umbungu omncinci ongaphakathi.



UZAKUDINGA:

- I FOTSHOLO ENCINANE, ICEPHE OKANYE IKHONTEYINA YOKUKHA UMHLABA
- ISIHLUZO SASEKHITSHINI OKANYE ISISEFO
- AMANZI
- IKHONTEYINA YOKUQOKELELA IMBEWU
- INCWADANA KUNYE NOSIBA LOKUBHALA

1 KHETHA INDAWO EKHUSELEKILEYO KUFUTSHANE NEKHAYA OKANYE ISIKOLO SAKHO.

2 YIKHA UMHLABA LWUGALELE KWISIHLUZO OKANYE ISISEFO SE TI. GALELA AMANZI NGAPHEZU KOMHLABA UKUZE KUHLUZEKE OKANYE KUSEFEKE UMHLABA.

3 JONGA IMBEWU ESHIYEKELAYO.



4 PHINDA-PHINDA OKU KAHLANU NGOMHLABA OSUKA KWIINDAWO EZAHLUKENEYO UDE UFUMANE IMBEWU.

5 CACISA LIBUME KUNYE NOMBALA WEMBEWU NGANYE OTHE WAYIFUMANA. BHALA PHANTSI INKANGELEKO YEMBEWU OYIFUMENE KWINDAWO NGANYE.

INGCALI ZOPHANDO LWEZINTO ZAKUDALA ZIKHANGELA IMBEWU

Nanjengokuba wenzile, Ingcali zophando lwezinto zakudala nazo ziqokelela, zihlamba, ziphinde zihluze okanye zisefe umhlaba ukukhangela imbewu kunye neentsalela zezityalo kwimiqolomba kwakunye neendawo zophando ngezinto zakudala.



Ukuhlamba nokuhlaza/ukusefa umhlaba ofumaneka kumqolomba wakudala



Kukhangelwa imbewu yakudala

Kudla ngokubanzi ukufumana ubungqina bezityalo zakudala kuba mhlambe zathi zatyiwa okanye zabola ngokuya kuhamba ixesha. Maxawambi iintsalela zezityalo zithi zigcinakale, oku kuxhomekeka kwimeko yomhlaba kunye nokungqongwe londawo, kanje ngeendawo ezimanzi okanye ezome kakhulu.

Kodwa imbewu eninzi ithi igcinakale kwiindawo zophando kuba zathi zatsha, kuhle oku kwamalahle okanye uthuthu.

Ingcali ngophando lwezinto zakudala zifunda malunga nendlela yokutya yabantu bakudala, ngokujonga iintsalela zamalahle okanye uthuthu.



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ESIZAKUFUMANA KUMHLABA WAMAMPONDO

Kwilitye elise WaterFall Bluff eMpondoland okanye eMaMpondweni eMpuma Koloni, ingcali zophando ngezinto zakudala ze plojekthi ye P5 zafumanisa imbewu eselugcinweni.

Lembewu ibancedise ukwakha-ngabutsha oko kwakutyiwa ngabantu bakudala kwiminyaka engapha kweshumi lamawaka eyadlulayo.



IMISEBENZI: YENZA IMVELAPHI IBELIKAMVA LAKHO!



U Tatenda Tavingeyi

yi ngcali yezophando ngezinto zakudala ukwayiyo nemanejala yeziko lezovavanyo ye plojekthi I P5 ethe yancedisa ukuhlalutya imbewu yakudala yaseMpondoland, eMaMpondweni ethe yafumaneka e Waterfall Bluff.

Uphando –nzulu ngezinto zakudala lunemisebenzi enikisa umdla njengale ilandelayo:

- Abaphandi
- Oomanejala beziko lezovavanyo
- Amagcisa weendawo zokugcina amagugu

AMAKHONKCO EKHARITYHULAM

- Izakhono zobomi ibanga 1 ukuya kwibanga 3
Izityalo kunye nembewu
- Inzululwazi ngezintlalontle ibanga 4 ukuya kwibanga 6
Isihloko: Abalimi bokuqala kumazantsi e Afrika kusalathiswa kubazingeli
- Inzululwazi Ngendalo ibanga 7 ukuya kwibanga 9
Imbewo- Ilungu lwesiqhamo elithi lidale isityalo

Knowledge is Ncah!



VANANYA ULWAZI LWAKHO

**JONGA LE MIKHONDO KWAYE
UQIKELELE IIMPENDULO UKUVAVANYA
ULWAZI LWAKHO LWE-ARCHAEOLOGY!**

1. Igama elichaza ukutya okutyiwayo ngumntu
2. Ufundo lwabantu bamandulo bexesha elidlulileyo ngokujonga ubungqina ababushiya ngasemva
3. Inxalenye yesityalo enokuvelisa isityalo esitsha
4. Xa izinto zesityalo zingaboli, abemi bezinto zakudala bathi imbewu ibe...
5. Ikhondo elinye elinokubakho le-archaeologist kukuba libe ilebhu...



Impendulo: 1. gcinq; 2. umphathi; 3. i-diet; 4. inzululwazi yezinto zakudala; 5. imbewu

QALISA EYAKHO ISCIENCE SPAZA

Ingaba uyafuna ukuqala iqela lososayensi esikolweni sakho? Skena ikhowudi ye-QR yokubhalisa iScience Spaza Club kwi-intanethi.

Ndwendwela www.sciencespaza.org,
Uthumele imeyile ku info@sciencespaza.org,
uSMSe okanye usende uWhatsApp ku
076 173 7130 okanye usibhalele kwi-
PO Box 22106, Mayor's Walk, 3208.



SIFUNA UKUYA ULUVO LWAKHO!

SINGATHANDA UKUBONA UKUBA
INGAKANANI IMBEWU ONOKUTHI
LUVIQOKELELE KWINDAWO
OHLALA KUYO.
THUMELA IMIFANEKISO KU
076 173 7130



The P5 Project is an international and interdisciplinary collaboration of researchers studying human adaptations to coastal environments. More information about the P5 Project can be found at <https://p5project.org>, via facebook at <https://www.facebook.com/pfiveproject/>, via twitter at <https://twitter.com/p5project> and on YouTube.

