

Excretion situation in Africa

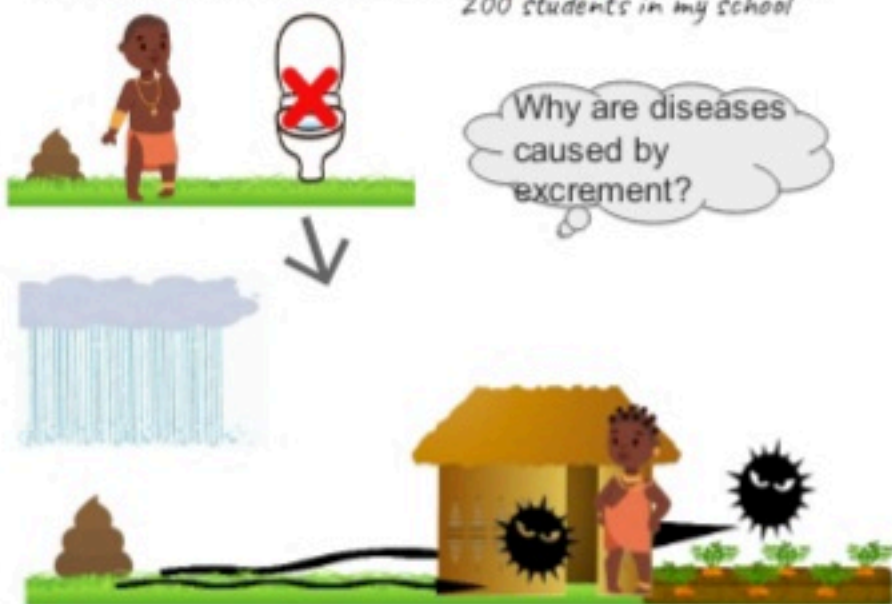
SGHN022 Urawa Girl's Upper Secondary School

Current situation & purpose

Lack of toilets is a serious problem in Africa. Today, so many Africans have to defecate outside because of lack of toilets.



Why are diseases caused by excrement?

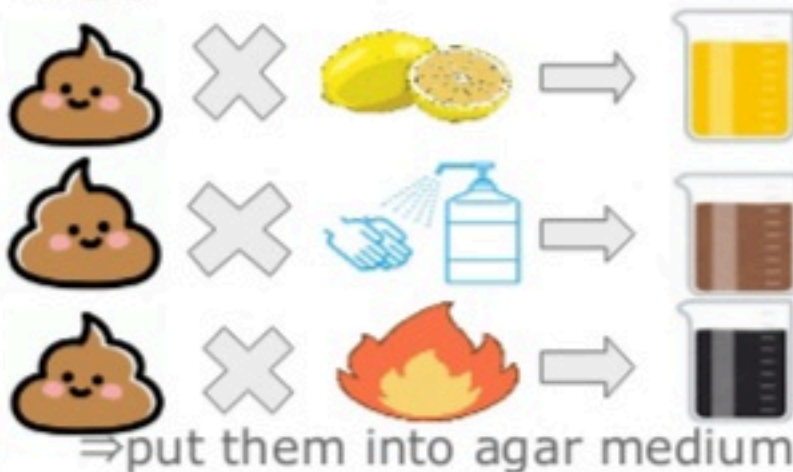


Portable toilet

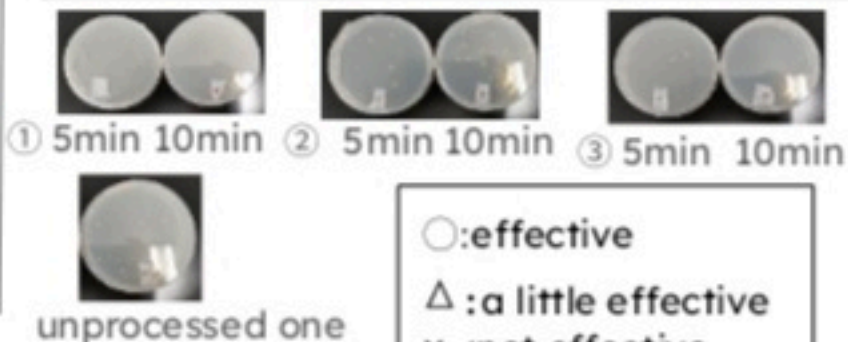


It is important to find a way to kill bacteria in excrement!

Experiment



	5MIN	10MIN
① LEMON	×	×
② ETHANOL	△	△
③ HEATING	○	○



Future prospects



The cost



The place



Plastic waste

Our suggestion

Toilet made of bricks

→ People can burn excrements easily.



References https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://newsrelease.ixil.co.jp/news/2016/070_company_1027_01.html&ved=2ahUKewiy05Pv_ZqDAxV-s1YBHfk2AyAQFnoECCQQAQ&usg=AOvVaw07IDqq9uiseieW_HaHOgc-