

INTAKA ISLAND EDUCATION ACTIVITIES

GRADE 9

READY FOR RENEWABLE

Topic: Electricity, renewable ways to generate electricity

Activity: A quick introduction on where electricity comes from before learners will look at different house hold appliances and calculate the amount of electricity it uses. The negative impact on the environment will be discussed and learners will investigate renewable ways to generate electricity that Intaka Island is currently using.



MICROORGANISMS

Topic: Microorganisms: Bacteria; Viruses; Fungi

Activity: Learners will receive an introduction about microorganisms, whereafter they will be taken to different exhibits and explore some examples of microorganisms that are found on Intaka Island. Learners will explore different microorganisms by using microscopes and be required to answer questions on what they have learned.



WATER QUALITY

Topic: Water Quality: Samples; Indicator species; nitrate concentration; pH level

Activity: Learners are provided with water samples from Intaka Island's four different cells, which they will use to identify organisms, as well as determine nitrate concentration and pH level. They will use the data gathered to answer various questions.

