

# INTAKA ISLAND EDUCATION ACTIVITIES

## GRADE 7

### PLANT PARADISE

**Topic:** Plants - Diversity of plants

**Activity:** Learners will receive an introduction on plant diversity before they go out on the island to investigate the differences between different groups of plants. Learners will then get their hands dirty by collecting a sample of a monocot and a dicot in order to distinguish between them according to root system, stem and leaves.



### READY TO RE-USE, REDUCE AND RECYCLE

**Topic:** Sorting and recycling

**Activity:** Learners will be taken through the Sustainability classroom to see how Intaka re-uses, reduces and recycles. They will have to pay close attention in order to complete a worksheet. The activity will end off with a game where teams compete to see who can recycle the best



### 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.



### THE BIOSPHERE

**Topic:** Biosphere: Lithosphere; Hydrosphere; Atmosphere

**Activity:** Learners will receive an introduction about the biosphere, whereafter they will be separated into three groups. The three groups will each go to explore the island in order to collect samples related to their specific given biosphere component. By the end of their research period, learners will be required to answer a set of questions.

