

INTAKA ISLAND EDUCATION ACTIVITIES

GRADE 11

PLANT DIVERSITY

Topic: Plants: Bryophytes; Pteridophytes; Gymnosperms and Angiosperms

Activity: Learners will be introduced to different groups of plants found on Intaka Island. Learners will identify the four groups of plants as well as record their unique classification characteristics.



HUMAN IMPACT ON THE ENVIRONMENT

This activity is about 1.5 - 2 hours long (with a break in between) and can be combined with a boat ride or island tour for a full educational programme (3 hours in total).

Topic: The importance of wetlands; Water quality and availability; Biodiversity

Activity: Learners will receive information about the importance of wetlands, with the Intaka Island wetland as the main point of discussion. Learners will also examine the different factors affecting water quality and availability, as well as biodiversity and thereafter explore factors impacting on the Intaka Island Biodiversity. Learners debate human activity factors that affect life on the island as well as the actions that can be implemented to manage human impact.



POPULATION ECOLOGY

Topic: Population size; Interactions in the Environment; Social Organisation

Activity: Learners are taken on a tour of the island where they identify and learn about population size, different interactions in the Intaka Island ecosystem and social organisation amongst species.

