

Macduff Marine Aquarium Learning Programmes

AN OCEAN OF CHANGE

Learning Level Third, S1-3
Time 2 hours

Plastics are part of our everyday lives, but when they get into the ocean they become a persistent problem with far reaching impacts. This workshop focusses on plastic problems that we can't even see and explores the types and sources of microplastic waste typically found at the beach, the impacts that this waste has on ocean life and what we can do to help.

Activities

A guided tour of the aquarium
Handling live marine animals
Interactive plastics workshop including extraction of microplastics from sand.

Key Concepts

Plastics (derived from petroleum) are persistent in the environment and negatively impact sea life.
Recycling and correctly disposing of waste is vitally important to protecting the marine environment.

Related Experiences and Outcomes

Third

I can differentiate between pure substances and mixtures in common use and can select appropriate physical methods for separating mixtures into their components. SCN 3-16a

I can identify the possible consequences of an environmental issue and make informed suggestions about ways to manage the impact. SOC 3-08a

