

Macduff Marine Aquarium Education Programmes

ON A PLASTIC TIDE

Learning Level Second, P5-7
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 explores the types and sources of plastic 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 sands.

Key Concepts

Plastics (derived from petroleum) are persistent in the environment and harm marine life.

Reducing plastic waste and correct disposal of plastic is vitally important to protecting the marine environment.

Related Experiences and Outcomes

Second

Through exploring non-renewable energy sources, I can describe how they are used in Scotland today and express an informed view on the implication for their future use. SCN 2-04b

I have participated in practical activities to separate simple mixtures of substances and relate my finding to my everyday experiences. SCN 2-15a

I can discuss the environmental impact of human activity and suggest ways in which we can live in a more environmentally responsible way. SOC 2-08a