

Education

Key Learning Points

- Importance of the Jurassic Coast World Heritage Site.
- History of plastic, why it was invented.
- Impact of plastics in the natural environment.
- How we can clear beaches indirectly/directly-individual/school/local level.
- Show what traces of marine world can be found in strandline e.g. egg cases, cuttlefish etc.
- Discuss tides and how some beaches are more likely to collect plastic because of the tides/position of the beach along the coast.



For example, Year 2 (age 6-7)

- Go to a beach and collect litter and some organic material (safely).
- Explore and compare the differences between things that are living, dead, and things that have never been alive, including rock pools if possible.
- Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain. Identify and name different sources of food.
- Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.
- Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
- Investigate other uses for the materials found and also what can be done to reduce plastic use.



Education Days

Below is a brief outline of what a typical day will look like. The format will be a half day program with a beach clean and classroom session with a break in between.



BEACH CLEAN

The day will typically start with a local beach clean in the Portland area (beach will be chosen for best weather and litterpicking opportunities)



MARINE EDUCATION

The students will return to the Channel Queen boat at Portland Marina and discuss their beach finds and learn about the effects on the marine environment.



SUSTAINABLE LIVING EDUCATION

Students will undertake age appropriate activities and discussions to gain awareness and appreciation for our environment and our need to protect it.



GEOLOGY

Students will undertake age appropriate activities and discussions to understand the different coloured rocks & how the Jurassic Coast was formed