

CLIMATE CHANGE

CHANGING OCEANS



THE DEEP
For conservation, not profit.



KS3



- Science
- Citizenship



40 mins

SUSTAINABLE DEVELOPMENT GOALS SDG 13&14

OVERVIEW

Using the 3D magic globe and biofacts, learners are encouraged to consider the effects of climate on our oceans.

To conclude learners consider their own personal impact using a discussion based game, the overall impact of humans and the measures that could be implemented to aid ocean recovery and help save the planet.

OBJECTIVES

- Understand how the oceans are affected by climate change globally.
- Understand how our own UK waters are affected by climate change.
- Increase understanding about life style.

LEARNING SESSION CONTENT

This workshop starts with a look at how our position in space causes normal planetary warming and cooling, then moves on to explore the four areas of change in our oceans.

Each area is looked at globally and then locally, showing how animals in our waters are being affected.

The current research done by the Deep on corals and current research done by Hull University on hermit crab senses are talked about to increase understanding of the effects of climate change on UK animals.

Finally, understanding how our own lifestyles produce CO₂ is explored using a game and ways to reduce carbon dioxide and mitigate climate change are discussed.

This presentation does aim to talk about climate change in a positive manner and focus on how we can help to mitigate it.