

Climate Change and the Coast

Objectives:

To introduce students to climate change and, in particular, to gain an understanding of climate change impacts at the coast.

Summary:

This STEM session combines science, engineering and geography KS3 learning and GCSE principles. The purpose of the lesson is to introduce students to climate change and, in particular, to gain an understanding of climate change impacts at the coast. This session introduces climate change, coastal impacts and explores sea level rise as well as coastal change.

The lesson is complimented by a hands-on student practical experiment: the Coastineers Sea Level Rise Challenge. This simple kit allows students to engineer their own adaptation strategies, using basic materials.

Follow up activity:

You can download a Sea Level Rise Challenge Kit and teacher guidance here:

www.coastineers.co.uk

Names of Presenters:

Kellie Fisher and Guy Cooper

