



**Yorkshire  
Wildlife Trust**

## People & sea transcript

Today we will understand the different ways we rely on the sea, understand how important the sea is to us, understand what jobs people do that rely on the sea and discuss how we can all look after the sea.

Why do you think the sea is important?

The ocean produces 70% of the air that we breath – that means seven in every ten breaths we take comes from our ocean. Our ocean provides us with food. 1 billion people rely on the sea for their main source of protein. Our ocean covers just over 70% of the earth. The ocean regulates our climate through absorption of heat and the transfer of warm and cold water between the equator and the poles. The ocean is home to the greatest abundance of life on the planet. The ocean absorbs 30% of atmospheric carbon dioxide. It is estimated that between 1994 and 2007 the ocean absorbed 34 gigatons of carbon dioxide from entering the atmosphere. This is the equivalent to 204 million blue whales! The ocean provides us with jobs. It is estimated that 3.5 million jobs rely on the sea across Europe.

We would like you to think about why the sea is important to YOU?

What jobs rely on the sea or work on / near the sea?

Fisherpeople – this is someone who commercially captures fish and other animals from the sea. Bridlington is the largest export of lobster in Europe and provides a huge number of jobs for a lot of people.

Some people scuba dive for their job. This could be to, for example, service equipment offshore or teach others to dive.

Tourism – The Yorkshire coast attracts a lot of visitors who will pay for activities, like boat trips, rockpooling, whale watching and much more!

Marine conservation – This is the study of plants and animals in the sea and how to protect them. There a variety of charity organisations, like Yorkshire Wildlife Trust that work to protect our oceans.

Scientist – There are many exciting scientific studies being carried out along the Yorkshire coast. This shows scientists measuring and counting oysters at Spurn Nature Reserve in East Yorkshire that have recently been reintroduced.

Coastal engineers – The coast results in challenges for jobs like building structures due to factors like waves, storm surges, tides, sea level changes and erosion. Therefore, we need coastal engineers to be able to take all of these things into account.

We now have videos from various colleagues that we work with at Yorkshire Wildlife Trust, explaining what they do as a job that involves the sea.