

North Road Community Primary School



Knowledge Organiser

Learning Question: What if we pollute the seas?

Class: Jupiter – UKS2

Term: Summer 2023

Vocabulary		What should we already know?
bio-degradable	capable of being decomposed by bacteria or other living organisms	<ul style="list-style-type: none"> The features of the water cycle. The seven continents of the world. The five oceans of the world. Why litter is a problem on our beaches. I am beginning to understand the effect humans can have on our world. I know how to construct a food chain. I can define and explain what a habitat is.
climate change	long term shifts in temperatures and weather patterns	
ecosystem	a biological community of interacting organisms and their physical environment.	
food chain	a series of organisms each dependent on the next as a source of food.	
fossil fuels	made from decomposing plants and animals	
greenhouse gases	gases in the earth's atmosphere that trap heat	
habitat	the natural home or environment of an animal, plant, or other organism.	
microbead	an extremely small piece of plastic.	
microplastic	extremely small pieces of plastic debris	
phytoplankton	plankton consisting of microscopic plants.	
		What will we know at the end of this Term?
renewable energy	energy from a source that is not depleted when used, such as wind or solar power.	<ul style="list-style-type: none"> Why do the oceans and seas of the world matter? Where are the oceans and seas of the world located? How human activities are affecting the seas and oceans of the world. I will have visited the recycling centre for South Gloucestershire. I will have used maps, atlases and globes to locate the world's seas and oceans. How much single-use plastic my family use over a week and the impact of this on the environment. I will know what the 5 R's relates to. I will consider the steps that can be taken to reduce the use of plastic.
single-use plastic	designed to be used once and then disposed of or destroyed.	
zoo plankton	animal components of planktons	
pollution	the presence in the environment of a substance which has harmful effects.	
decompose	make or become rotten	
toxic	poisonous	
poisonous	causing, or capable of causing, death or illness if taken into the body.	
landfill site	the disposal of waste material by burying	
man-made	made or caused by human beings, as opposed to occurring/being made naturally	

Key Questions

- Why do the oceans and seas of the world matter?
- Where are the key oceans and seas of the world?
- How do human activities affect the seas and oceans of the world.
- How much single-use plastic does my family use over a week and how does this impact the environment?
- What are the 5 R's?
- What steps can be taken to reduce the use of plastic?

Geographical Enquiry Skills and Fieldwork

- I can use maps, atlases, globes and digital/ computer mapping to locate the oceans and seas of the world.