

Ocean Plastic Pollution– Teacher Notes

These notes are for guidance in using the educational resources.

These resources cover a variety of topics around plastic and the pollution caused by it. We have put together information through videos, images and games to help your pupils engage and learn more around this topic in one place. The presentation has pausing points throughout to ask questions and have pupils collaboratively complete short activities. Please adapt the resources for use with your pupils where necessary. Elements of the presentation and resources can be aligned to areas of the national curriculum for geography and science should you wish to incorporate them. The presentation will help pupils' ocean literacy and awareness of plastic pollution.

What You Will Need:

- Ocean Plastic Pollution presentation for use on a smart board
- Whiteboards/ paper and pens for group work
- World Map (one map per group A3 size)
- KS2 Recycling Sort Game (one set per class/ group A4 size)
- KS1 Recycling Sort Game (one set per class/ group A4 size)
- KS2 Recycling Sort Game Answers (one per class A4 size)
- KS1 Recycling Sort Game Answers (one per class A4 size)
- Pledge Against Plastic Pollution Cards (one per pupil A4 size)

The Plastic Problem Slides

These slides are informative around the problem with plastics. Activities include:

- Video links
- Map links
- Ocean Quiz: in groups pupils can earn class points by naming all 5 oceans.
- Ocean Map: in groups pupils will plot the 5 oceans on a map of the world. Depending on pupils' prior knowledge from KS1, this activity serves as a recap to label the 5 oceans either with or without support resources. Learning can be deepened by asking pupils to label specific counties and/ or major cities on the map using maps, atlases, globes and digital or computer mapping.

Plastic is Useful

These slides are informative around how useful plastic actually is, how it is made and who invented it.

- Video links
- Who wants to be a Millionaire? Plastic Timeline Edition (KS2)
- Who wants to be a Millionaire? Plastics and Other Materials Edition (KS1)
- STEM activity to make plastic out of milk

Reducing Plastics in our Lives

These slides help pupils consider small changes they can make which will have a huge impact.

- Video links
- KS2 Recycling Game: in groups or as a class, the recycling sort game cards should be sorted into the 'Recycling Bin' and the 'General Waste Bin'. Assign two pupils to be each of the bins and wear the corresponding headbands. Other pupils in their group can relay race to hand the correct cards to the correct 'bins'. This game can be adapted to suit your class to help them sort waste in residential bins at home.
- KS1 Recycling Game: in groups or as a class, the recycling sort game cards will be sorted by material and placed in the correct 'Recycling Bin', 'Glass Bin' and 'Compost Bin'. Assign three pupils to be each of the bins and wear the corresponding headbands. Other pupils in their group can relay race to hand the correct cards to the correct 'bins'. This game can be adapted to suit your class.
- Pledge Against Plastic Pollution: pupils and adults can fill in 1 or more changes they think they can make.