

MAKE YOUR OWN MINI OCEAN

Did you know that the sea around the UK is home to more than 8000 different species of plants and animals? Sadly the sea is being ruined by pollution, including rubbish left on beaches after people have had a picnic. There are also abandoned nets that animals can get caught in; sewage; chemical and oil spills.

Watch this video about pollution in the sea to find out how it affects both us and the creatures in the sea.

<https://www.youtube.com/watch?v=xFPoIU5iiYQ&t=69s>

Lets' make our own mini ocean to find out how pollution affects it.

You will need -

- A clear bowl, jar or vase
- Plastic fish
- Black food colouring
- Litter
- Shells or sand
- Water

Fill the glass with clean water and add the fish, some shells or sand. Doesn't the ocean look amazing? It is a lovely place for the fish to live in and for you to play and swim in.



Next, add some small pieces of rubbish, e.g. paper; plastic and some black food colouring to represent oil and sewage.



- How different does your mini ocean look after the pollution has been added?
- How do you think litter and pollution might affect fish and other marine life?
- Do you think the fish would be happy swimming amongst all the rubbish in the dirty water? I don't think you would like to swim in it either!
- What can we do to keep our seas and rivers clean? How can we help?

This 5 minute video shows how materials are sorted and recycled:
https://www.youtube.com/watch?v=0_Ufbm5ZkBY

This 10 minute video shows how recycled materials can be used again
<https://www.youtube.com/watch?v=s39DjCdseAA>

What are the Children Learning?

I explore and appreciate the wonder of nature within different environments and have played a part in caring for the environment. **SOC 0-08a**

Within and beyond my place of learning, I can reduce, re-use and recycle resources I use, to help care for the environment. **TCH 0-02a**

I listen or watch for useful or interesting information and I use this to make choices or learn new things. **Finding & Using Information LIT 0-04a**

Develop an understanding of the need to care for the environment.

Ask questions to extend knowledge and understanding and to clarify thinking.

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