

Years 5 Project Based Work – Plastic Pollution Theme

Use the Internet to find out why plastic is such a huge problem to the environment. Create an information booklet / leaflet for someone at home that tells them what you have found out.

This is a useful website to help you:

<https://www.bbc.co.uk/programmes/articles/11CnCQR0GJfkDgJs57sR5Ps/war-on-plastic>

Make your own fish or sea creature collage using different materials to show the problem that plastic causes to living things in seas and oceans.



Design your own plastic free packed lunch. Draw and label your lunch to explain how it could be completely plastic free.



Can you create something useful out of used plastic in the household? It could be a:

1. Musical instrument
2. A bird feeder
3. A toy boat
4. Or an idea of your own here is a video that might give you some ideas.

<https://www.youtube.com/watch?v=7yV6V6trtpyc>



Write a letter to a company that uses plastic wrapping in its products (e.g. plastic wrappers on straws) to persuade them to think about making changes to help the environment.

Try to include:

- Facts you have found out for why plastic is so harmful to the environment
- A solution for what the company could use instead.

If you can, send your letter (don't forget to take a photo to send to us first!) to the company by finding an address on the internet.



Find out what reduce, reuse and recycle means. Can you find any other words that begin with R that link to these words?

Design your own poster to teach others what these words mean.



Find out about how you recycle at home. How many different bins do you have? Could you do any more to recycle?

Try creating your own ecobricks. Take a clean plastic bottle and pack it with clean, dry plastic – a great way to re-use your plastic! You could save your ecobricks and share when it is safe to do so.



Watch this video – it's a demonstration about air and air pressure.

<https://www.youtube.com/watch?v=Grziaq-caVE>

Can you recreate this demonstration to answer your own science question?

E.g. – Does the colour of the balloon affect the ability to blow up the balloon in the bottle?
Does the amount of holes allow the balloon to inflate quicker?

Can you video or write an explanation about what you have found out?

An idea of your own...

