

Recycling Plastics - Activity Card

What is recycling?

Recycling is the process of converting waste materials into new materials and objects. This concept often includes the creation of energy from waste materials.

Like lots of things plastics can be recycled, but some are easier than others. However, recycling shouldn't be our first solution, but rather the last, after -

Reducing
Reusing
Repurposing

Did you know that nearly 8.8 million tonnes of plastic ends up in our oceans every year! And this is set to increase to 12 million tonnes by 2050, if we don't do something about it!

The Challenge -

Hopefully, you have already completed our other recycling challenges so you will know about -

The different types of plastic
What goes in which bin
Ways to rethink our use of plastics

But have you ever thought about what happens to our plastics once you put them in your bin and they go off to the recycling facility?

They can end up being the same thing again, or they can be turned into something different entirely! But this depends on the type of plastic they are!

Therefore, can you match the plastic waste items to the new products they can be recycled into?

Extension Home Learning - Home Waste & Recycling Audit

Check out - www.theoceancleanup.com/plastic-tracker/ to find out how your plastic waste could end up in the ocean



PECT
CREATING SUSTAINABLE PLACES

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POLYETHYLENE TEREPHTHALATE		PET or PETE
HIGH-DENSITY POLYETHYLENE		HDPE
LOW-DENSITY POLYETHYLENE		LDPE
POLYPROPYLENE		PP
POLYSTYRENE		PS



Plastic Bottle



Shampoo Bottle



Plastic Bag

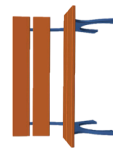


Plastic Bottle Cap

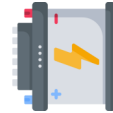


Polystyrene Cup

From This
To
What?



Plastic Bench



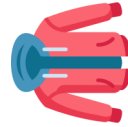
Car Battery



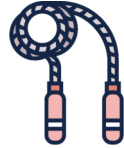
House Insulation



Carpet Or Rug



Fleece Hoody



Skipping Rope



Frisbee



School Stationary

Answers: PET 1 - Carpet, Fleece Hoody, HDPE 2 - Frisbee, Stationary, LDPE 4 - Bench, PP 5 - Skipping Rope, Car Batteries, PS 6 - House Insulation