

KEY STAGE ONE

Science, Technology, Engineering and Maths

Lesson two

GREATER MANCHESTER EDITION

provided by



Recap of lesson one

Wood

Metal

Cardboard

Plastic

Fabric

Paper

Soft

Lightweight

Waterproof

Stretchy

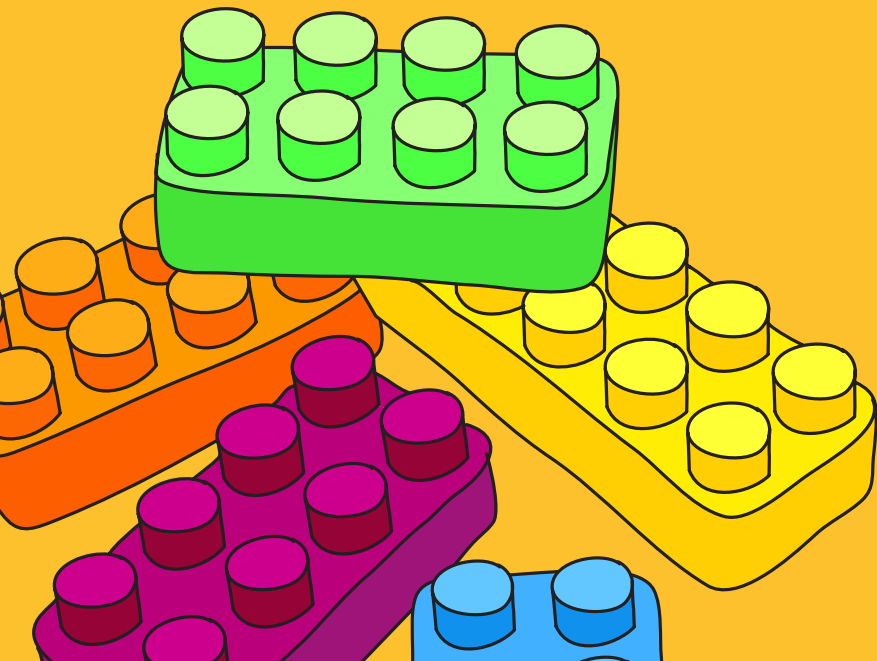
Hard

Transparent



Learning objective

To identify ways of **reducing** the materials we throw away by **reusing** or **recycling** objects and the materials they are made from.



Activity one

Sort the objects that could be reused, items that might be recycled and items that would go in the general waste bin.



Reduce



What **materials** can you see in this lunch box?

What could we change to **reduce** the rubbish and **materials**?

Reuse

What materials can you spot?

What objects have been reused?



Reuse

With a partner, come up with an idea of how you could **reuse** an egg box



Reuse

With a partner, come up with an idea of how you could **reuse** an egg box



← Here's
my idea



Recycle

**Recycled materials are
turned into something new**



youtu.be/y4X4AK4HA0E

Activity two



Match the recycled object to the new item it has become.





Activity two

Match the recycled object to the new item it has become.





Activity two

Match the recycled object to the new item it has become.





Activity two

Match the recycled object to the new item it has become.



Recycle

How can plastic bottles become a fabric?



youtu.be/4dz1BLdPsFY





Activity three

Can you fill in the gaps?

My reusable drinks bottle helps to
the rubbish I make.

I could my baked bean tin to store
my coloured pens in.

My plastic milk bottle was collected
and into a new bottle.

Reuse

Recycled

Reduce



Activity three

Can you fill in the gaps?

My reusable drinks bottle helps to **Reduce**
the rubbish I make.

I could my baked bean tin to store
my coloured pens in.

My plastic milk bottle was collected
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Reuse

Recycled

Reduce



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Can you fill in the gaps?

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Reuse

Recycled

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Activity three

Can you fill in the gaps?

My reusable drinks bottle helps to **Reduce**
the rubbish I make.

I could **Reuse** my baked bean tin to store
my coloured pens in.

My plastic milk bottle was collected
and **Recycled** into a new bottle.

Reuse

Recycled

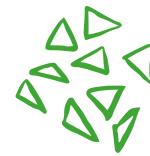
Reduce

Activity four

Graffiti mats – you can use
words, pictures or sentences



Reduce



Recycle



Reuse

Summary

- ✓ **Some materials can be reused or recycled.**
- ✓ **Reusing or recycling items can reduce the amount of things that get thrown away.**
- ✓ **This is much better for the environment.**

