LOWER KEY STAGE TWO

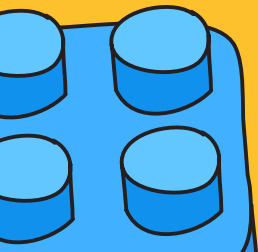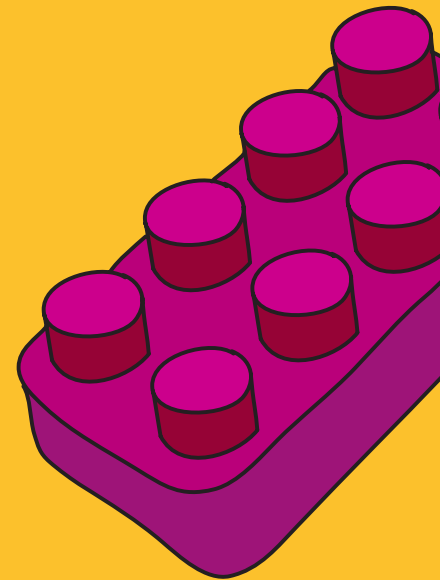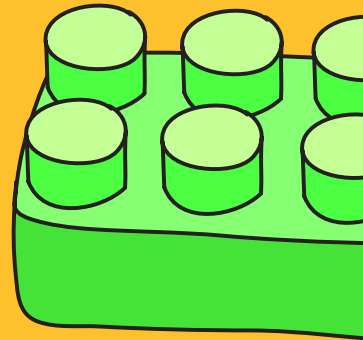# Science, Technology, Engineering and Maths

Lesson one

provided by **suez**

Learning objective

To be able to recognise simple properties of materials and sort them into categories

To understand how the different properties of materials and science help when sorting materials at a recycling facility
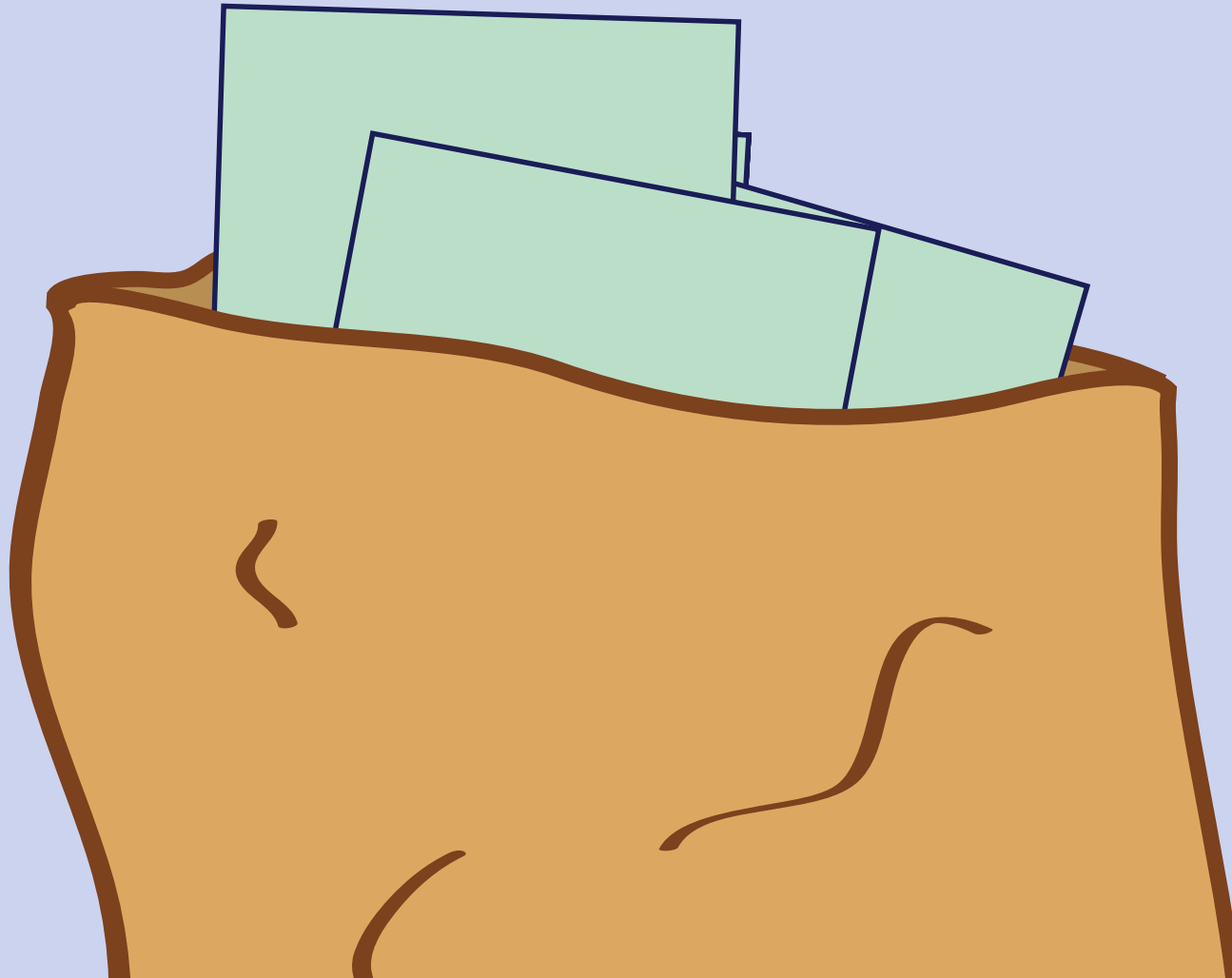
Are the everyday materials we throw away valuable?

youtu.be/f0769pw2_pY
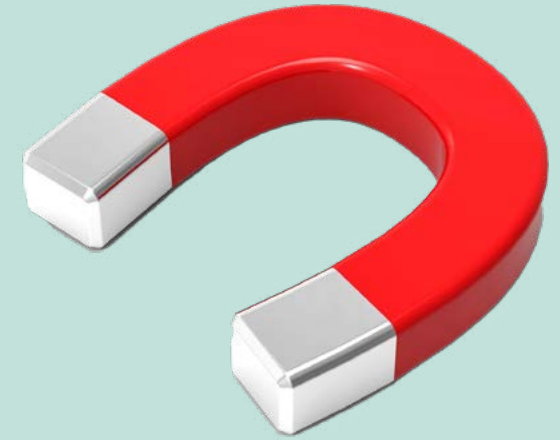
Activity one

WHAT'S IN THE BAG?

Activity two

What do they have in common?

Activity three

Metals can be sorted into two categories – magnetic and non-magnetic

How does knowing the magnetic properties help at a recycling facility?

youtu.be/t4PLxg06HBU

Activity four

What scientific words can we use to describe the properties of materials?

Waterproof

Lightw

Stretchy

Shiny

What have we learnt about materials today?

Properties of materials

Magnetic

Waterproof

Stretchy

Transparent

Lightweight

Shiny

Soft

Hard

Flexible

Opaque

Categories

Magnetic and non-magnetic

Recyclable and non-recyclable

The magnetic properties of steel helps to separate them from other materials at a recycling facility