



Are the best toys made from plastic?



Year Group: 1

Subject Focus: Science

Term: Summer 1

Key facts

- There are many different types of materials which we see every day in our homes and classrooms.
- Plastic, wood, metal, paper, fabric, stone, leather and glass are some materials which everyday objects are made out of.
- All of our toys are made out of certain materials for certain reasons. For example, some toys need to be strong, some need to be bendy.
- We can use words to describe the properties of materials, such as dull/shiny, bendy/rigid, hard/soft, waterproof/not waterproof, absorbent/not absorbent.

Some key materials to begin to recognise:



Why wouldn't you use paper to make an umbrella?

Key words:

material	what something is made out of
properties	the property of a material is something that we can see or feel which helps us to describe it
suitable	When something is right for a situation, e.g. plastic is suitable to make a toy out of because it is strong
transparent	a transparent material is one which light can pass through; we can see through it.
opaque	an opaque material is one which light cannot pass through; we cannot see through it.
waterproof	something which keeps out water
compare	to look at what is the same and different about two or more things

Exciting books/ web links:



<https://www.bbc.co.uk/bitesize/topics/zrsgk7>

<https://www.lego.com/en-gb/kids>

Parents as partners:

- Look at your toys at home. Which are your favourites? What are they made out of?
- Why do you think certain toys are made out of a certain material? What would happen if they were made out of something different?
- Complete a materials hunt around your house. How many different materials can you find? Can you describe their properties?