



Year 2 Science

Materials

Things you should already know:

That an object and the material it is made from are different and how to distinguish this.

The names of a variety of common everyday materials - wood, plastic, glass, metal and rock.

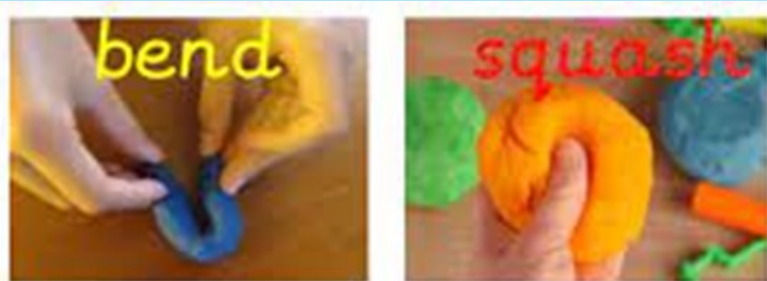
How to describe the simple physical properties of materials.

How to compare and group materials by their physical properties.

Key Knowledge

Materials that have similar properties are grouped together.

The properties of a material help to determine if it will be suitable for a specific purpose.



New Learning for Year 2

To understand that different materials are suitable for different purposes and uses.

The shapes of some solid objects can be changed by squashing, bending, twisting and stretching.



Spoons

A spoon can be made from plastic, metal or wood





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Key Vocabulary

Opaque	Cannot be seen through.
Transparent	A material you can clearly see through.
Translucent	A material you can see through, but what you can see is not clear.
Flexible	A material which can be easily bend without breaking.
Rigid	A material which is difficult or impossible to bend.
Twist	When a material is bent or turned in different directions.
Squash	To press down or crush something so it becomes flat.
Bend	To shape or force something into an angle.
Stretch	When something is pulled, making it longer or taller.

Sticky Learning.

Can you answer any of these questions in your book?



What would happen if you stretched an elastic band too much?



Visit this website to learn more about materials and their uses.



Watch a video about materials.

Have you ever sorted your toys in different ways?

