Materials – Knowledge Organiser Year 2 Autumn 2

Vocabulary	
suitable	To be right for a purpose
properties	A feature of a material, such as hard or soft
invent	To be the first person to make or think of a thing
inventor	A person who has invented something
invention	A thing that has been made or designed by someone for the first time
flexible	Something that bends easily
rigid	Something that does not bend easily
brittle	Something that is hard but easily breaks or shatters
waterproof	Something that can keep water out
variable	Something that can be changed (in an investigation)

It is important to know the difference between an object and a material.

Object – something that you can see, touch or hold.



pencil



spoon

Material – something that can be used to make an object.



wood



metal

Properties of materials

In Science, a property is the appearance, characteristics and behaviour of a material.
Glass is used for windows because it is transparent and waterproof.
Metal is used for a spoon because it is rigid, smooth and waterproof.

Examples of Properties

strong weak
smooth
soft hard
brittle
rough waterproof
see-through
rigid flexible

Charles Macintosh was a British scientist. In the 1800s, he invented **waterproof fabric.**



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