

Science Knowledge Organiser

Materials and Magnets – Autumn 2 – Year 1

KEY VOCABULARY

Material	The word scientists use to describe what things are made from , e.g. glass, paper, wood
Properties	The way a material looks, how it feels, or what it can do . We can see, feel, or measure properties of materials
Transparent	A material that allows light to pass through, so we can see through it
Opaque	A material that does not allow light to pass through, so we cannot see through it
Magnet	A magnet attracts some metals using a force called magnetism
Attract	To pull towards
Repel	To push back
Purpose	The reason that something has been chosen or made

MATERIAL PROPERTIES

Soft	Hard
Bright	Dark
Transparent	Opaque
Smooth	Rough
Waterproof	Absorbent
Thin	Thick
Bendy	Stiff



Plastic



Wood



Metal



Glass



Rock



Magnets

OPPOSITE POLES ATTRACT

N S ← → N S

SIMILAR POLES REPEL

N S ← → S N

S N ← → N S