Rocket Words	
conductive	a material that allows heat and/or electricity to pass through it
magnetic	material that is attracted to a magnet
thermal	using or producing heat
conduction	heat moving from one object to another through contact
hardness	resistance to scratching and pressure
force	when an object is acted upon by a pull or push motion in a specific direction
dissolve	to mix with a liquid and become part of the liquid
solute	a substance that can be dissolved in liquid
solvent	a substance that can dissolve in a solute, water is a solvent
substance	any material, such as sugar
filtering	the separation of a mixture using a tool with small holes to separate particles
evaporation	the process where a liquid changes into a gas

Cedar Park School & Nursery

Be kind ★ Be inspired ★ Believe

Developing Experts

Year 5 Autumn

Properties of Materials

Properties of Materials

conducts energy	
insulates energy	
transparent	
waterproof	
durable (strong)	
magnetic	

Everyday Materials

Metal saucepans **conduct** heat to warm food.



Wooden spoons and plastic handles **insulate** heat so hands do not get burned.

Soluble Materials

Some solids **dissolve** in water (**SOLUBLE**).

coffee sugar salt jelly



Some solids do not **dissolve** in water (**INSOLUBLE**).

pepper sand wax

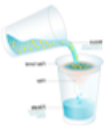


Separating Materials

Sieving



Filtering



Magnetism



Magnetic metals:

- iron
- nickel
- steel

THE SPARK



