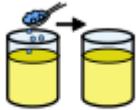
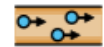
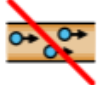
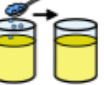
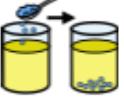




Year 5 Autumn 1: Properties and Changes of Material

Lesson 1 Can I compare and group together everyday materials?	Lesson 2 Can I find out the transparency of different materials and link this to use?	Lesson 3 Can I which materials make good insulators?	Lesson 4 Can I present my findings?	Lesson 5 Can I investigate which materials dissolve in water?	Lesson 6 Can I separate a mixture?	Lesson 7 Can I identify changes that are reversible and irreversible?	Lesson 8 Can I conduct a fair test?
 property	A property is a quality of something like hardness, flexibility or absorbency. Materials have properties that help them serve specific purposes.	 permeable	Allowing liquids to pass through it.	 soluble	Material able to be dissolved especially in water.		
 conductor	A material which allows heat or electricity through.	 absorbent	Able to soak up liquid easily	 evaporation	The process of turning from liquid to vapour		
 insulator	A material which does not allow heat or electricity through.	 dissolve	When a solid mixes with a liquid and becomes part of the liquid.	 reversible	Able to be reversed back to its original state.		
 solution	A liquid mixture of two or more substances for example salt water	 insoluble	Does not dissolve in a liquid	 irreversible	Cannot be reversed back to its original state		
 transparency	Property to see how easy it is to see through a material	 flexibility	Property to see how easy it is to bend without breaking	 solid	Solids keep their shape unless pushed or pulled		
 liquid	Liquids change their shape depending on the container they are in.	 gas	Gases do not have a fixed shape and spread out to fill up whatever container they are in.				