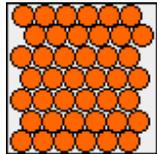
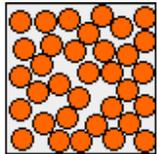
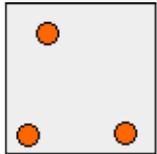
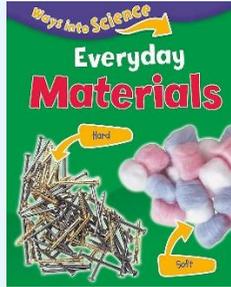
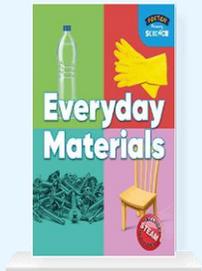


Year 5: Science- Materials

Subject Specific Vocabulary		Memorable Image	Exciting Books	
State of matter	Matter makes up our planet and the whole universe. All matter exists in one of three states: solid, liquid or gas.	   <p style="text-align: center;">solid liquid gas</p>	 	
Particles	A particle is so tiny we cannot see it. Particles make up matter.			
Evaporation	Evaporation is the process where a liquid changes to a gas.	Sticky Assessment Knowledge		
Condensation	Condensation is the process in which gas (water vapor) changes into a liquid.	<input type="checkbox"/> I know that there are three states of matter: solids, liquids and gases. <input type="checkbox"/> I know that the particles in solids, liquids and gases behave differently and can recall their characteristics. <input type="checkbox"/> I know that when a substance dissolves, it might look as though it has disappeared but it just mixes with water to make a transparent liquid called a solution. <input type="checkbox"/> I know the difference between irreversible and reversible changes. <input type="checkbox"/> I know evaporation is when a liquid turns into a gas and that it is the opposite process to condensation. <input type="checkbox"/> I know that condensation is when a gas turns into a liquid and is the opposite process to evaporation.	Useful Websites	
Reversible	A reversible change can be undone.		https://www.youtube.com/watch?v=pag2zq-gEOE https://www.youtube.com/watch?v=Bosp9ZTLuBM	
Irreversible	A change is called irreversible if it can not be changed back.			
Dissolve	When a substance dissolves, it might look like it has disappeared but it just mixes with the water to make a transparent liquid.			
Solid	The shape of a solid does not change on its own.			
Misconceptions and Facts			<ul style="list-style-type: none"> When a liquid evaporates it just disappears. The sun/ heat source sucks the liquid up during evaporation. 	
Liquid	A form of matter that flows easily and can take the shape of any container it is poured into.			
Gas	Gases do not have a shape or volume. They are difficult to contain.			
Reliable	Having value and being trustworthy.			