





SCIENCE	REVERSIBLE/IRREVERSIBLE CHANGES		UKS2
Cross curricular links	Key skills	Key Vocabulary/definitions	
<ul style="list-style-type: none"> - Geography – linked to the water cycle - Mathematics – taking measurements and recording data 	<ul style="list-style-type: none"> - Pupils will plan enquiries, including recognising and controlling variables where necessary. Pupils will plan how mixtures can be separated, including through filtering, sieving and evaporating. - Pupils will be able to make their own predictions based on previous knowledge linked with states of matter - Pupils will take measurements, using a range of scientific equipment. - Pupils will use test results to make predictions and set up further comparative and fair tests. - Pupils will analyse findings, draw their own conclusions using their investigation evidence - Pupils will observe and explain how some changes result in the formation of new materials. Children will be able to understand how these changes are not reversible. 	<p>Mixture- a substance made by mixing other substances together</p> <p>Solution – a mixture of a solid and a liquid that combines to make a new substance</p> <p>Evaporate – a change of state when a liquid is changed to a gas. Eg: water to water vapour</p> <p>Dissolve – process when a solid will be mixed into a liquid to form a solution</p> <p>Irreversible – when a change cannot go back to its original form</p> <p>Reversible – when a change can go back to its original form</p>	
Pictures/photos relevant to topic		Key information	
 	<p>BBC Bitesize: what are irreversible changes? https://www.bbc.co.uk/bitesize/articles/zk9mt39</p> <p>BBC Bitesize: what is separation? https://www.bbc.co.uk/bitesize/topics/zity4wx/articles/zrqj2sg</p> <p>BBC Bitesize: what is dissolving? https://www.bbc.co.uk/bitesize/articles/zpbdpbk</p>		