



DT long term plan 2020 - 2021			
	Autumn	Spring	Summer
<b>Nursery</b>			
<b>Cycle A</b>	<b>Materials</b>	<b>Materials</b>	<b>Materials</b>
	Joining and adapting Topic: Helping hands <i>Exploring tools and materials</i>	Joining and experimenting with texture Topic: Into the wild <i>Textured picture</i>	Joining and experimenting with materials Topic: Making a splash <i>A boat that will float</i>
<b>Cycle B</b>	<b>Materials</b>	<b>Materials</b>	<b>Materials</b>
	Joining and adapting Topic: Helping hands <i>Exploring tools and materials</i>	Experimenting with different methods of joining. Topic: Frozen planet Making a snow machine	Using materials for a purpose Topic: Secret garden Making a bird feeder
<b>Reception</b>			
<b>Cycle A</b>	<b>Materials</b>	<b>Materials</b>	<b>Mechanisms</b>
	Joining and adapting Topic: Helping hands <i>Junk model fire engine</i>	Selecting materials for a purpose Topic: Into the wild <i>Shoe box jungle</i>	Experimenting with hinges Topic: Making a splash <i>Treasure chest</i>
<b>Cycle B</b>	<b>Materials</b>	<b>Materials</b>	<b>Structure</b>
	Joining and adapting Topic: Helping hands <i>Junk model house</i>	Using materials for a purpose Topic: Frozen planet <i>Sledge</i>	Free standing structure Topic: Secret garden <i>Bug hotel</i>



	Autumn	Spring	Summer
<b>Year 1 &amp; 2</b>			
<b>Cycle A</b>	<b>Food</b> Healthy and varied diet Topic: The great food journey <i>Fruit salad</i>	<b>Structure</b> Free standing structure Topic: The great leaders <i>House structure</i>	<b>Mechanisms</b> Wheels and axels Topic: Just the ticket <i>Moving vehicle</i>
	<b>Structure</b> Free standing structure Topic: Little explorers <i>Planter</i>	<b>Structure</b> Free standing structure Topic: Dungeons and dragons <i>Castle</i>	<b>Structure</b> Floating structure Topic: Adventure on the high sea <i>Boat</i>
<b>Year 3 &amp; 4</b>			
<b>Cycle A</b>	<b>Art focus</b>	<b>Mechanisms</b> Wheels and axels Topic: Romans <i>Roman Chariots</i>	<b>Food</b> Baking Topic: Ancient Egypt <i>Baking bread</i>
		<b>Mechanisms</b> Pneumatic system Topic: Romans <i>Volcano</i>	<b>Structure</b> Free standing structure Topic: Ancient Egypt <i>Pyramid</i>
<b>Year 5</b>			
	<b>Electrical systems</b> Electrical components to make an object move Topic: Space <i>Battery powered moon buggy</i>	<b>Food</b> Historical recipes Topic: After the heartbreak <i>Victorian milk break loaf</i>	<b>Mechanisms</b> Leavers Topic: Magic, monsters and mayhem <i>Viking longboat</i>
	<b>Structure</b> Frame structure Topic: Olympic challenge <i>Photo frame</i>	<b>Mechanisms</b> Pulleys and gears Topic: Friend or foe <i>Automata Dracula</i>	<b>Food</b> Historical recipe Topic: Mission impossible <i>War time rationing meal</i>
<b>Year 6</b>			