



## DT Long Term Planning

	Autumn Term	Spring Term	Summer Term
<b>Reception</b>	Ongoing provision through independent learning activities. Use of the making table with a variety of resources and tools.		
<b>Year 1</b>	<b><u>Mechanisms- Sliders and Levers</u></b> Creating a moving picture using a slider or lever to demonstrate the weather forecast.	<b><u>Structures</u></b> Creating a house for a fairy tale character of their choice. Exploring how they can make their house stronger.	<b><u>Cooking and Nutrition</u></b> Creating a healthy snack. Cutting and preparing fruit and vegetables.
<b>Year 2</b>	<b><u>Textiles</u></b> Making a sock puppet. Using stitches to join fabric.	<b><u>Mechanisms- Wheels and Axles</u></b> Creating a moving vehicle with wheels and axles.	<b><u>Cooking and Nutrition</u></b> Exploring where food comes from. Creating a dish with food grown in the UK.
<b>Year 3</b>	<b><u>Cooking and Nutrition</u></b> Creating a dish using seasonal foods.	<b><u>Textiles</u></b> Making a fossil pouch. Practicing a variety of stitches and choosing the most appropriate to join together their pouch.	<b><u>Structures</u></b> Making a shell structure using computer aided design (nets)
<b>Year 4</b>	<b><u>Electrical Systems</u></b> Designing and making a quiz game using electrical switches.	<b><u>Mechanisms- Levers and Linkages</u></b> Creating a moving scene from Charlie and the Chocolate Factory.	<b><u>Cooking and Nutrition</u></b> Exploring where the ingredients to make pizza come from. To make their own pizza. Is pizza a healthy or unhealthy food?
<b>Year 5</b>	<b><u>Structures</u></b> Making a bridge. Exploring how they can make the bridge stronger.	<b><u>Cooking and Nutrition</u></b> Exploring Mexican food and how the ingredients for the dishes are grown. Making their own Mexican dish.	<b><u>Mechanisms- Gears and Pulleys</u></b> Designing and making a moving vehicle with a wooden chassis and wheels and axles that use a gear or pulley controlled by a motor.
<b>Year 6</b>	<b><u>Computing</u></b> Design and make a torch to warn of possible air raids. Using Crumble to control their torch. <a href="file:///T:/DT%20Subject%20Leader/Crumble%20Getting%20Started%20Guide%2015-11-2015.pdf">file:///T:/DT%20Subject%20Leader/Crumble%20Getting%20Started%20Guide%2015-11-2015.pdf</a>		<b><u>Textiles</u></b> Using Computer Aided Design to design and create a drawstring bag. Using tie dye and applique to make their product appealing.