

## Whitleigh Primary School

### Design and Technology Overview 21-22

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Design functional and purposeful items Make and use a range of materials and tools Build structures Explore and use mechanisms Use principles of basic diet & understand where food comes from					
<b>Year F</b>	<b>Linked through Topic and children's interests via EYFS curriculum and through resources available in continuous provision.</b>	<b>Linked through Topic and children's interests via EYFS curriculum and through resources available in continuous provision.</b>	<b>Linked through Topic and children's interests via EYFS curriculum and through resources available in continuous provision.</b>	<b>Linked through Topic and children's interests via EYFS curriculum and through resources available in continuous provision.</b>	<b>Linked through Topic and children's interests via EYFS curriculum and through resources available in continuous provision.</b>	<b>Linked through Topic and children's interests via EYFS curriculum and through resources available in continuous provision.</b>
<b>Year 1</b>	Structures- linked to building in continuous provision	Food technology – vegetable pizzas	Structures– Making a space book			
<b>Year 2</b>	Mechanisms/wheels and axels- Building a propeller for a Plane.	Food technology- Making a Pirates smoothie.	Textiles- African puppets			
	Design, make, evaluate, Using a range of materials and components Food technology – cooking and nutrition Technical knowledge: Apply understanding of computing Use electrical systems Use mechanical systems Apply understanding of strengthening, stiffening and reinforcing structures					
<b>Year 3</b>	Textiles – Making a 2D shape into a 3D product	Food technology- Roman foods-linked to healthy and varied diet	Structures - Building Volcanos (CAD)			
<b>Year 4</b>	Food Technology- A healthy meal to meet dietary requirements of a knight's banquet around the round table- links to Science and digestion.	Electrical systems- How simple electrical circuits and components can be used to create functional products	Mechanisms/Levers- Levers for MOVING STORY BOOK			
<b>Year 5</b>	Structures – designing and creating an Air Raid shelter	Textiles- designing and making insulated mittens. (CAD)	Food technology – linked to Greece			

<b>Year 6</b>	Mechanical system- Making a shaduf	Food technology- Seasonality and study of chocolate.	Electrical systems- Protecting possessions from crime.
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