



# LONG TERM PLAN FOR DESIGN AND TECHNOLOGY

## KEY STAGE ONE – 2023 - 2024

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1		<b>Technical Knowledge Mechanisms and control.</b>  Create a Christmas pop-up card.		<b>Technical Knowledge Stable structures/ Cutting and joining</b>  Create an elephant that can stand up		<b>Cooking and Nutrition Healthy Eating</b>  <i>South America</i> Making a Fruit Salad
Year 2		<b>Technical Knowledge Mechanisms and control.</b>  Create a Christmas pop-up card.		<b>Technical Knowledge Stable structures</b>  Create a basket to ride on an elephant		<b>Textiles Finger Puppets</b>  <i>South America</i> Design an animal puppet.

## KEY STAGE ONE – 2022 - 2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1		<b>Technical Knowledge Mechanisms and control.</b>  Create a moving winter/Arctic scene.		<b>Technical Knowledge Cutting and Joining</b>  Design and build a village.		<b>Cooking and Nutrition Healthy Eating</b>  <i>South Africa</i> Making a Fruit Salad
Year 2		<b>Textiles Finger Puppets</b>  <i>Arctic</i> Design an animal puppet.		<b>Technical Knowledge Mechanisms and control.</b>  Create an Easter pop-up card		<b>Technical Knowledge Stable structures</b>  Create a hot air balloon to attach to a papier mâché balloon.



# ANNUAL LONG-TERM PLAN FOR DESIGN AND TECHNOLOGY

## LOWER KEY STAGE TWO

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 3		<p><b>Technical knowledge</b> <b>Free-Standing Structures</b></p> <p>Design and make a free-standing stable photo-frame.</p>		<p><b>Technical Knowledge</b> <b>Understanding how key individuals/ historical times have helped shaped the designs we use today.</b></p> <p>Design and make as musical instrument.</p>		<p><b>Cooking and Nutrition.</b> <b>Savoury food</b></p> <p>Research different breads historically and culturally. Make a healthy sandwich.</p>
Year 4		<p><b>Technical Knowledge</b> <b>Mechanisms – linkages</b></p> <p>Create a moving model using levers and linkages.</p>		<p><b>Sewing</b> <b>Sewing techniques</b></p> <p>Design and make an embroidered bookmark.</p>		<p><b>Technical Knowledge</b> <b>Understanding and using Electrical Systems</b></p> <p>Design and make a steady-hand game.</p>

# LONG-TERM PLAN FOR DESIGN AND TECHNOLOGY

## UPPER STAGE TWO

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Years 5 and 6</b>  <b>2023</b> - <b>2024</b>		<b>Technical Knowledge</b> <b>Mechanisms - Victorians</b>  Design and make a moving toy using cams, wheels and axels.		<b>Cooking and Nutrition</b> <b>Eat the Seasons</b>  Research and make vegetable soup. Make a wartime loaf		<b>Technical Knowledge</b> <b>Structures</b>  Create a rain forest hut.
<b>Years 5 and 6</b>  <b>2022</b> - <b>2023</b>		<b>Cooking and Nutrition</b> <b>Historical food – rationing.</b>  Research and make a vegetable pie.		<b>Technical Knowledge</b> <b>CAD (Computer Aided Design)</b>  Design and make a badge		<b>Textiles</b> <b>Joining fabric</b>  Design and make juggling balls/ Tudor purse