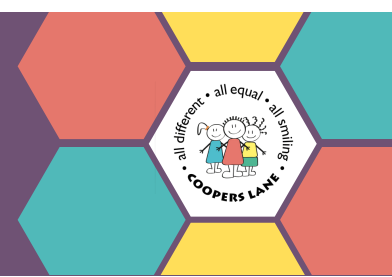


DESIGN & TECHNOLOGY CURRICULUM - YEAR 1 OBJECTIVES TO BE TAUGHT

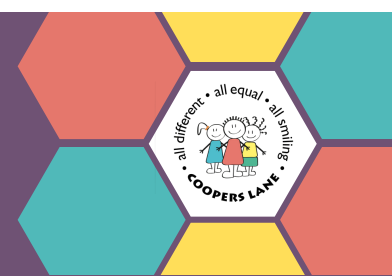
Coopers Lane Primary School's Official Curriculum - Planning Tool



	TOPIC	IN THIS UNIT OF WORK, PUPILS LEARN...	PRIOR LEARNING	RESOURCES <i>TO SUPPORT</i> PLANNING
AUTUMN 1				
AUTUMN 2	<p><u>African Art - Kente Cloth</u></p> <p>Explore & Investigate; Design; Make - cutting and weaving; Evaluate</p> <p>Key Designer: Sheelah Garbrah</p>	<ul style="list-style-type: none">- to explore and investigate the design of Kete Cloth, weaving form Ghana; to talk about the patterns and colours they see; about the history of weaving- to weave with paper; to cut strips of paper to the correct length; the weaving motion of over and under; to use language such as weft & warp when working with weave- to weave with thread and fabric; to sort and group fabric and thread; to cut wool and fabric to the correct length; the weaving motion of over and under- to design an African piece of weave based on the colours patterns of the Kente cloth- to use the taught skills of weft & warp to create their design idea- to evaluate their finished product against their idea and the design criteria		<p>Year 1 - Medium Term Planning</p> <p>(Google Drive, Curriculum 2020, Art & Design, Year 1)</p>
AUTUMN 2 <i>*Christmas Fun*</i>	<p><u>Eat More Fruit & Vegetables</u> <u>- Christmas themed</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- to find out the favourite fruits and vegetables in class; to discuss and make lists of as many fruits and vegetables as they can, picking their favourites- to examine, taste and describe a variety of fruits and vegetables; to look closely at a variety of fruit and vegetables; to use their senses to describe the different features- how to handle and prepare a variety of fruit and vegetables safely; about food safety and hygiene; how to use tools safely; use appropriate language associated with food preparation- to design a recipe to include fruit and/ or vegetables around a given criteria; the importance of eating more fruit and vegetables than any other food group- to make and evaluate a food product based on a design; to be safe and hygienic whilst preparing food	Reception	<p>Plan Bee - Year 1 - Eat More Fruit & Vegetables - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, DT, Year 1)</p>
SPRING 1	<p><u>Castles</u></p> <p>Mechanisms; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- to investigate what castles look like; what the main features of a castle are, e.g. walls, battlements, turrets, drawbridge, arrow loops- to design a castle including all of the elements in the design criteria as part of a team; to generate, develop and communicate their ideas through talking and drawing- how to create a model using recycled materials; why it is important to reduce, reuse and recycle; different joining methods to fix parts to their castles; to use materials according to their characteristics to make their castle- to explore different types of mechanisms; to choose the best mechanism to make a moving drawbridge- to create a finished product that is pleasing to the eye; to paint in the style of stone/ brickwork, adding detail around windows- to evaluate their work through talking about the mechanism structure using appropriate technical vocabulary, what went well's and even better if's	Reception	<p>Plan Bee - Year 1 - Eat More Fruit & Vegetables - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, Art & Design, Year 1)</p>

DESIGN & TECHNOLOGY CURRICULUM - YEAR 1 OBJECTIVES TO BE TAUGHT (CONTINUED)

Coopers Lane Primary School's Official Curriculum - Planning Tool

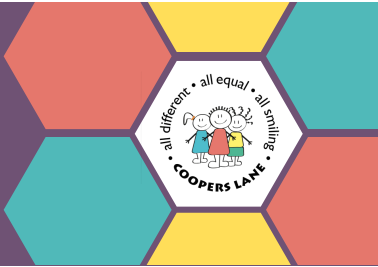


	TOPIC	IN THIS UNIT OF WORK, PUPILS LEARN...	PRIOR LEARNING	RESOURCES <i>TO SUPPORT</i> PLANNING
SPRING 2	<p><u>Kings & Queens - Puppets</u></p> <p>Sewing; Explore & Investigate; Design; Make; Evaluate</p> <p>Key Designer: <i>Jim Henson</i></p>	<ul style="list-style-type: none">- to investigate a range of puppets and their features; to discuss and explore a range of puppets, their features and the materials used- to work with fabric to create a finger puppet; to explore and discuss a variety of different finger puppets; to use a template to create and decorate their own royal finger puppet- to develop and practise sewing skills; different sewing techniques to use when creating a puppet- to design a glove puppet; to apply the skills learnt in their ideas and help to create their design- to evaluate a finished product; to share and demonstrate their puppets; to evaluate their puppet against design criteria	Reception	<p>Plan Bee - Year 1 - Puppets - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, DT, Year 1)</p>
SUMMER 1				
SUMMER 2 <i>*Healthy Eating Week*</i>	<p><u>Hot Day Snacks</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- to understand more about a healthy diet including fruit and vegetables, and keeping well hydrated- to taste and describe a variety of fruits, while thinking about their shape and colour- to follow instructions to make seaside scenes out of fruit- to create frozen snacks; about keeping hydrated with frozen fruity snacks; about healthier alternatives to ice-lollies and soft drinks when using fresh fruit	Reception	<p>Plan Bee - Year 1 - Seaside Snacks - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, DT, Year 1)</p>

PLEASE REFER TO THE *'KS1 CONTINUOUS PROVISION PLANNING GUIDE'*, RESOURCE ENHANCEMENTS SECTION, TO HELP SUPPORT THE TEACHING OF THE ABOVE OBJECTIVES IN THE CLASSROOM CONTINUOUS PROVISION.

DESIGN & TECHNOLOGY CURRICULUM - YEAR 2 OBJECTIVES TO BE TAUGHT

Coopers Lane Primary School's Official Curriculum - Planning Tool



	TOPIC	IN THIS UNIT OF WORK, PUPILS LEARN...	PRIOR LEARNING	RESOURCES <i>TO</i> <i>SUPPORT</i> PLANNING
AUTUMN 1				
AUTUMN 2				
SPRING 1	<p><u>African Surprise Fruit Sticks & Yoghurt</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- To select from and use a range of tools and equipment to perform practical tasks; for example, cutting, shaping, joining and finishing.- To design purposeful, functional, appealing products for themselves and other users based on design criteria.	<p>Year 1 - Autumn 2, Eat more fruit and veg</p>	<p>Twinkl - Year 2 - African Surprise Fruit - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, DT, Year 2)</p>
SPRING 2				
SUMMER 1				
SUMMER 2	<p><u>Moving Vehicles and British Food</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<p>3D Moving Vehicles</p> <ul style="list-style-type: none">- to investigate a variety of vehicles and their uses and features.- to investigate wheels, axles and chassis.- to be able to investigate ways of creating and decorating the body of a vehicle.- to be able to design a vehicle.- to be able to make a vehicle based on a design.- to be able to evaluate a finished product. <p>British Food</p> <ul style="list-style-type: none">- to cook using British ingredients available all year round.- to know how seasonal fruits in Britain are grown and processed.- to understand why vegetables form part of a healthy and varied diet.- to find out how seasonally produced meat can form part of a healthy diet.- to know how fish are caught or reared, processed and used in healthy meals.	<p>Year 1 - Summer 2, Hot Day Snacks</p>	<p>Year 2 - Complete Seasonal Food- Medium Term Planning Example - Planning</p> <p>Year 2 - Moving Vehicles - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, DT, Year 2)</p>

DESIGN & TECHNOLOGY CURRICULUM - YEAR 3 OBJECTIVES TO BE TAUGHT

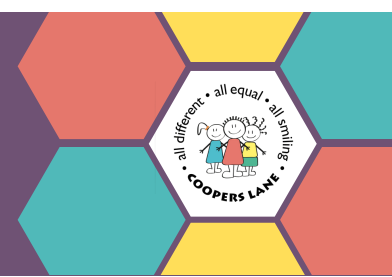
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	TOPIC	IN THIS UNIT OF WORK, PUPILS LEARN...	PRIOR LEARNING	RESOURCES <i>TO SUPPORT</i> PLANNING
AUTUMN 1				
AUTUMN 2	<p><u>Bread Making</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- to find out about important people and events in the past that have shaped the way bread is made and sold today.- to investigate and analyse existing products according to their characteristics.- to develop a design criteria.- to shape dough.- to think of original ideas for a product based on my design criteria.- to develop designs based on my design criteria and clearly communicate my final design.- to select ingredients and kitchen equipment to help me follow a bread making recipe.- to knead and bake.	<p>Year 2 - Summer 2, British Food</p>	<p>Twinkl planning- The Great Bread Bake Off</p> <p>(Google Drive, Curriculum 2020, DT, Year 3)</p>
SPRING 1				
SPRING 2	<p><u>Edible Garden</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- to name some herbs and know how to grow them.- to explain what makes a diet healthy and varied and can cook a healthy balanced meal.- to explain where, when and how strawberries are grown in the United Kingdom.- to use kitchen tools correctly to prepare and make a tasty and nutritious drink.- to explain when tomatoes are in season in the United Kingdom and can say where and how they are grown.- to prepare and cook/assemble a healthy and tasty meal using tomatoes as my main ingredient.	<p>Year 1 - Autumn 2; Eat more Fruit and Veg</p> <p>Year 2 - Spring 1; Fruit Sticks</p>	<p>Twinkl planning- Edible Garden</p> <p>(Google Drive, Curriculum 2020, DT, Year 3)</p>
SUMMER 1				

DESIGN & TECHNOLOGY CURRICULUM - YEAR 4 OBJECTIVES TO BE TAUGHT

Coopers Lane Primary School's Official Curriculum - Planning Tool



	TOPIC	IN THIS UNIT OF WORK, PUPILS LEARN...	PRIOR LEARNING	RESOURCES <i>TO SUPPORT</i> PLANNING
AUTUMN 1				
AUTUMN 2				
SPRING 1	<p><u>Perfect Pizzas</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- to find out what the favourite pizzas in the class are- to examine, describe and categorise a variety of bread-based products- to examine, describe and categorise a variety of pizza toppings- to design a balanced healthy pizza- to be able to make and evaluate a food product based on a design	<p>Year 3 - Autumn 2, Bread making</p>	<p>Plan Bee - Year 4 - Perfect Pizzas - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, DT, Year 4)</p>
SPRING 2	<p><u>Mosaics</u></p> <p>Design Technology; Ceramics; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- to investigate how the Romans used ceramics to create artwork through mosaics- to combine visual and tactile qualities- to explain art from other periods of history- to generate and develop ideas through discussion and sketches- to devise a template- to evaluate their work and make suggestions for improvements		<p>Art Planning- Year 4 - Mosaics - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, Art & Design, Year 4)</p>
SUMMER 1				
SUMMER 2	<p><u>Great British Dishes</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- to learn about and make some national English savoury dishes- to know about and make some traditional English sweet dishes- to learn about and make some national Scottish dishes- to learn about and make some national Welsh dishes- to learn about the influences of and similarities between cuisines from other countries- to know how to plan and shop for a meal- to cut and chop vegetables safely- to combine ingredients and follow a recipe- to understand their RDA for sugar and how to identify the sugar content on food packaging- to understand the seasonality of different British fruits- to know how oats are grown, harvested and produced- to give their opinion of different ingredients- to understand that different food products have different ‘shelf-lives’- to give general kitchen health and safety advice	<p>Year 2 - Summer 2, British Food</p>	<p>Plan Bee- Year 4 - Great British Dishes - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, DT, Year 4)</p>

DESIGN & TECHNOLOGY CURRICULUM - YEAR 5 OBJECTIVES TO BE TAUGHT

Coopers Lane Primary School's Official Curriculum - Planning Tool



	TOPIC	IN THIS UNIT OF WORK, PUPILS LEARN...	PRIOR LEARNING	RESOURCES <i>TO SUPPORT</i> PLANNING
AUTUMN 1				
AUTUMN 2				
SPRING 1	<p><u>Talking Textiles</u> <u>(Scandinavian Food)</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- to explore ways in which stories can be told visually- to collect visual information to develop ideas- to experiment with different ways of using textiles to create effects- to be able to design a piece of textile artwork that tells a story- to be able to create a piece of artwork that tells a story through textiles- to be able to evaluate a finished piece of artwork- to design and make 3D form- to use textile and sewing skills as part of a project, e.g. hanging, textile book, etc. (This could include running stitch, cross stitch, backstitch, appliqué and/or embroidery.)- to create a print using a number of colours; to create an accurate print design that meets a given criteria- to print onto different materials- to combine visual and tactile qualities to express mood and emotion- to use a range of joining techniques- to evaluate ideas and products against design criteria and consider views of others to improve	<p>Year 3 - Summer 1; Indian art/cushions</p>	<p>Plan Bee - Year 5 - Talking Textiles - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, Art & Design, Year 5)</p>
SPRING 2				
SUMMER 1				
SUMMER 2	<p><u>Indian Influenced British Dishes</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none">- to be confirmed		

DESIGN & TECHNOLOGY CURRICULUM - YEAR 6 OBJECTIVES TO BE TAUGHT

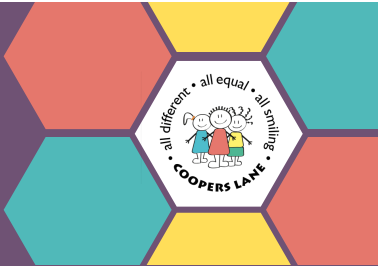
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	TOPIC	IN THIS UNIT OF WORK, PUPILS LEARN...	PRIOR LEARNING	RESOURCES <i>TO SUPPORT</i> PLANNING
AUTUMN 1				
AUTUMN 2	<p><u>Air Raid Shelters</u></p> <p>Design Technology; Building skills; Joining Skills; Explore & Investigate; Design; Make; Evaluate</p>	<p>Short Unit</p> <ul style="list-style-type: none"> - to follow and refine their plan if necessary - to apply understanding of how to strengthen, stiffen and reinforce more complex structures - to understand and use electrical systems in their products 	<p>Year 2 - Summer 2; Moving vehicles</p>	<p>Art Planning- Year 6 - Air Raid Shelters</p> <p>(Google Drive, Curriculum 2020, Art & Design, Year 6)</p>
SPRING 1	<p><u>Global Food</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<ul style="list-style-type: none"> - to say where in the world ingredients come from. - to explain that diets around the world are based on similar food groups. - to explain why rice is a good staple food. - to cook rice. - to demonstrate a range of food skills and techniques - to demonstrate a range of basic and advanced food skills and cooking techniques. - to accurately and mainly independently follow a recipe demonstrating a range of cooking techniques 	<p>Year 4 - Spring 1 & Summer 2; Perfect Pizzas and great British Dishes</p> <p>Year 5 - Spring 1 & Summer 2; Scandinavian cuisine and Indian influenced British dishes</p>	<p>Twinkl- Year 6 - Global Food - Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, Art & Design, Year 6)</p>
SPRING 2	<p><u>Renewable Energy Village</u></p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<p>Short Unit</p> <ul style="list-style-type: none"> - to include both visual and tactile elements in their work - to create models on a range of scales - to include an element of renewable energy. 		<p>Art Planning - Year 6 - Renewable Village</p> <p>(Google Drive, Curriculum 2020, Art & Design, Year 6)</p>

DESIGN & TECHNOLOGY CURRICULUM - YEAR 6 OBJECTIVES TO BE TAUGHT (CONTINUED)

Coopers Lane Primary School's Official Curriculum - Planning Tool



	TOPIC	IN THIS UNIT OF WORK, PUPILS LEARN...	PRIOR LEARNING	RESOURCES <i>TO SUPPORT</i> PLANNING
SUMMER 1	<p><u>Moving Buggies and American Food</u></p> <p>Design Technology; Building skills; Joining Skills; Explore & Investigate; Design; Make; Evaluate</p> <p>Food Technology; Healthy Eating; Explore & Investigate; Design; Make; Evaluate</p>	<p>Moving Buggies</p> <ul style="list-style-type: none">- to think about what would improve their product even more- to hide joints to improve the look of their product- to justify why the chosen material was best for the task- to understand and use mechanical systems in their products <p>American Food</p> <ul style="list-style-type: none">- to find out about the diversity of foods grown in America’s diverse climates, and develop cooking skills while following a recipe for a traditional American food.- to discover some ways in which indigenous Americans grew, caught, gathered, prepared, and cooked, food.- to find out about important, traditional staple foods in America, and how the slave trade influenced American cuisine.- to learn about the cultural significance of chillies in Mexican cooking, and about how American food is heavily influenced by food from other cultures.- to consider why certain foods are unhealthy if eaten regularly, and recognise the value of eating food together.	<p>Year 2 - Summer 2; 3D Moving Vehicles</p> <p>Year 4 - Summer 2; Great British dishes</p>	<p>Moving Buggies - Art Planning - Year 6</p> <p>Plan Bee - Year 6 - American Food- Medium Term Planning Example - Planning</p> <p>(Google Drive, Curriculum 2020, Art & Design, Year 6)</p>
SUMMER 2				