



St Cuthbert's Learning Organiser: Design & Technology  
Key Stage 1 2024 – 2025  
Miss Thompson



Autumn	Spring	Summer
<p>Christmas Crafts</p> <p><u>Skills</u></p> <ul style="list-style-type: none"><li>• Use a wider variety of cutting techniques</li><li>• observation and design</li><li>• use 3D/sculpture for effect</li><li>• experimenting with levers</li><li>• compare different</li></ul> <p><u>Knowledge</u></p> <p>Children will select suitable tools/equipment, explain choices; begin to use them accurately. They will select appropriate materials, fit for purpose. They should work through a plan in order then consider how good their model will be. They will begin to assemble, join and combine purpose cut pieces of card and its components with some accuracy.</p> <p><u>Reason &amp; Progression</u></p> <p>This topic is taught alongside the geography topic about the weather in the polar regions and this will inform their theme as well as this taking place around the Christmas period.</p>	<p>Cooking- Food from around the world</p> <p><u>Skills</u></p> <ul style="list-style-type: none"><li>• Skills describe textures</li><li>• wash hands &amp; clean surfaces</li><li>• think of interesting ways to decorate food</li><li>• say where some foods come from, (i.e. plant or animal)</li><li>• describe differences between some food groups (i.e. sweet, vegetable etc.)</li><li>• cut, peel and grate safely, with support explain hygiene and keep a hygienic kitchen</li><li>• describe properties of ingredients and importance of varied diet</li><li>• say where food comes from (animal, underground etc.)</li><li>• describe how food is farmed, home-grown, caught</li><li>• cut, peel and grate with increasing confidence</li></ul> <p><u>Knowledge</u></p> <p>Children will learn to sample dishes from around the world to broaden experiences with a variety of foods. Children will learn cooking and baking skills using kitchen utensils such as grating, slicing etc. Children will visit a local farm to learn about where the food has come from.</p> <p><u>Reason &amp; progression</u></p> <p>This topic will co-incide with Shrove Tuesday as well as linking with some of the countries we cover within Geography lessons. Some of the countries we make dishes from will be familiar to some of our EAL children.</p>	<p>Summer Material challenge</p> <p><u>Skills</u></p> <ul style="list-style-type: none"><li>• have own ideas</li><li>• explain what I want to do</li><li>• explain what my product is for, and how it will work</li><li>• use pictures and words to plan, begin to use models</li><li>• design a product for myself following design criteria</li><li>• research similar existing products</li><li>• have own ideas and plan what to do next</li><li>• explain what I want to do and describe how I may do it</li><li>• explain purpose of product, how it will work and how it will be suitable for the user</li><li>• design products for myself and others following design criteria</li><li>• choose best tools and materials, and explain choices</li><li>• use knowledge of existing products to produce ideas</li></ul> <p><u>Knowledge</u></p> <p>Children will learn to design a boat that can float, a waterproof umbrella for Tucker the Ted. They must select appropriate materials and tools and explain why they have chosen them. The must be fit for purpose ie the boat should not be too heavy or unable to float. Children will use skills to design and make.</p>

<p><u>Cross Curricular</u> Computer design, Art – drawing designs English – following instructions.</p> <p><u>Vocabulary</u> Lever Design 3D Join Decorate</p> <p><u>Cultural capital</u></p>	<p><u>Cross Curricular</u>  English – following instructions. Geography – where does my food come from?</p> <p><u>Vocabulary</u> Chop  Slice  Mix  Roll  Spread</p> <p><u>Cultural capital</u> Farm visit in summer to look at sustainable and healthy food production.</p>	<p><u>Reason &amp; progression</u> We have been learning about a variety of materials and their properties within science lessons and which would be waterproof or buoyant.</p> <p><u>Cross Curricular</u> Maths – measuring Writing a design brief. Reading and writing This topic should develop pupils’ spoken language and vocabulary as integral aspects of the teaching of every subject</p> <p><u>Vocabulary</u> Waterproof Buoyant Float Materials suitability</p> <p><u>Cultural capital</u> Stem workshop in local area to look at everyday materials</p>
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