

The Gates Curriculum Overview

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Cycle A+B

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS	<p><u>Introduction to malleable skills</u></p> <p>Topic: What makes me special?</p> <p>Design Brief: To measure and mix ingredients to create malleable dough.</p>	<p><u>Food</u></p> <p>Topic: How do we celebrate?</p> <p>Design Brief: To design, make and evaluate a celebration cake to share with our families.</p>	<p>Topic: Where Am I?</p> <p>Design Brief: To design, make and evaluate a wooden vehicle with one moving element.</p>	<p><u>Structures</u></p> <p>Topic: Who am I?</p> <p>Design Brief: To design, make and evaluate a home for an animal to live in</p>	<p><u>Textiles</u></p> <p>Topic: How does it grow?</p> <p>Design Brief: To design, make and evaluate a sewn flower picture to be sold on Enterprise Day.</p>	<p><u>Textiles</u></p> <p>Topic: Where will your story take you?</p> <p>Design Brief: To design, make and evaluate a picnic blanket</p>

Cycle A 2022-2023

	Autumn 2	Spring 2	Summer 2
KS1	<p><u>Food</u></p> <p>Topic: Stand alone unit</p>	<p><u>Mechanisms</u></p> <p>Topic: The Great Fire of London (History link)</p>	<p><u>Textiles</u></p> <p>Topic: The Victorians (History link)</p>

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	<p>Design Brief: To design, make and evaluate a healthy pizza for a health cooking show</p>	<p>Design Brief: To design, make and evaluate a moving picture of Australia to show facts to EYFS children.</p>	<p>Design Brief: To design, make and evaluate a puppet for a Punch and Judy puppet show to be sold on Enterprise Day.</p>
LKS2	<p><u>Food</u></p> <p>Topic: Wartime Westhoughton</p> <p>Design Brief: to design, make and evaluate a Wartime pie for our parents to show how food has changed</p>	<p><u>Mechanical and electrical systems</u></p> <p>Topic: The Rainforest</p> <p>Design Brief: To design, make and evaluate a moving information book targeted at KS1 which includes facts about the Rainforest and animals that live there.</p>	<p><u>Textiles</u></p> <p>Topic: Ancient Egyptians (history link)</p> <p>Design Brief: To design, make and evaluate a handbag, purse or wallet that will carry loose change and will display an Egyptian hieroglyphic to be sold on Enterprise Day.</p>
UKS2	<p><u>Food</u></p> <p>Topic: Stand alone unit</p> <p>Design Brief: To design, make and evaluate cookies using fair trade ingredients to be sold in the local bakery – Greenhalghs.</p>	<p><u>Mechanical and electrical systems</u></p> <p>Topic: Animals (Science link)</p> <p>Design Brief: To design, make and evaluate a model using CAMs as an example of how different animals can move to be displayed in an animal exhibition.</p>	<p><u>Textiles</u></p> <p>Topic: Stand alone unit</p> <p>Design Brief: To design, make and evaluate a mobile phone case using CAD to be sold on Enterprise Day</p>

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Cycle B 2023-2024

	Autumn 2	Spring 2	Summer 2
KS1	<p><u>Structures</u></p> <p>Topic: Animal survival (Science link)</p> <p>Design Brief: To design, make and evaluate a small animal house for an animal to live in to improve our school environment.</p>	<p><u>Mechanisms</u></p> <p>Topic: Africa (Geography link)</p> <p>Design Brief: To design, make and evaluate a model vehicle that a tourist can use to explore the savannah.</p>	<p><u>Food</u></p> <p>Topic: Stand alone unit</p> <p>Design Brief: To design, make and evaluate a fruit kebab to be sold on Enterprise Day</p>
LKS2	<p><u>Structures</u></p> <p>Topic: Stand alone unit</p> <p>Design Brief: To design, make and evaluate a gift box using CAD to hold a small gift for a member of your family on Christmas Day.</p>	<p><u>Mechanical and electrical systems</u></p> <p>Topic: Light and dark (Science link)</p> <p>Design Brief: To design, make and evaluate a decorative light box for the school supervisor which can display words and phrases.</p>	<p><u>Food</u></p> <p>Topic: Ancient Greeks (History unit)</p> <p>Design Brief: To make traditional Greek flatbreads that can sold on Enterprise Day.</p>
UKS2	<p><u>Structures</u></p> <p>Topic: Stand alone unit</p>	<p><u>Mechanical and electrical systems</u></p> <p>Topic: Electronic systems (stand-alone)</p>	<p><u>Food</u></p> <p>Topic: Stand alone unit</p>



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Design Brief: To design, make and evaluate a new model playground for the community to use in the local park.

Design Brief: To design, make and evaluate a security light to help the site supervisor to keep the school safe.

Design Brief: To design, make and evaluate a Caribbean fruit smoothie that can sold on Enterprise Day.