



## Cooking & Nutrition



*“Cooking with kids is not just about ingredients, recipes and cooking. It’s about harnessing imagination, empowerment and creativity.”*

Guy Fieri

Phase		Curriculum Coverage – Threshold Concepts			
		Design	Make	Evaluate	Technical Knowledge
Upper KS2	Y6 Curry				
	Y5 Pretzels				
Lower KS2	Y4 Pasta				
	Y3 Fruit Crumble				
KS1	Y2 Sandwiches				
	Y1 Fruit Smoothies				
EYFS	Reception Fruit Salad				
	Nursery Fruit Kebab				

### Intent

Cooking & Nutrition is an inspiring, rigorous and practical subject. Using creativity and imagination, children design and make dishes that consider their own and others’ needs, wants and values. They acquire a broad range of subject knowledge and draw on disciplines such as mathematics and science. Children learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through the evaluation of world cultures and cuisines, they develop a critical understanding of individuals’ dietary requirements and the environmental impact of sourcing ingredients. High-quality Cooking and Nutrition education makes an essential contribution to the health, culture, wealth and well-being of the nation.

### Implementation

The threshold concepts across the Cooking & Nutrition curriculum are taught sequentially over time to develop technical knowledge, skills and understanding from EYFS to Y6 and beyond.

The curriculum aims to ensure that all children:

- Develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- Build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
- Critique, evaluate and test their ideas and products and the work of others

### Impact

The Cooking & Nutrition curriculum at BCCET allows all children:

- To develop their God given talents and gain the technical knowledge and skills needed to become confident individuals
- To understand and evaluate technical information.
- To make informed decisions that impact on their own lives and the lives of those around them.
- To develop an increasing awareness of the moral and ethical dilemmas technical discovery can bring.
- To become active citizens of the world.
- To receive regular oral and written feedback so children are aware of their position on the learning journey, their strengths and targets, which they consider when taking their next steps.



## Design & Technology



**“Design and Technology should be the subject where mathematical brainboxes and science whizzkids turn their bright ideas into useful products.”**

James Dyson

Phase		Curriculum Coverage – Threshold Concepts			
		Design	Make	Evaluate	Technical Knowledge
Upper KS2	Y6 Felt Phone Cases	<ul style="list-style-type: none"> <li>use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups</li> </ul>	<ul style="list-style-type: none"> <li>select from and use a wider range of tools and equipment to perform practical tasks for example, cutting, shaping, joining and finishing, accurately</li> </ul>	<ul style="list-style-type: none"> <li>investigate and analyse a range of existing products &amp; evaluate their ideas and products against their own design criteria and consider the views of others to improve their work</li> </ul>	<ul style="list-style-type: none"> <li>apply their understanding of how to strengthen, stiffen and reinforce more complex structures</li> </ul>
	Y5 Fair Ground Rides				
Lower KS2	Y4 Creative Shoes	<ul style="list-style-type: none"> <li>design purposeful, functional, appealing products for themselves and other users based on design criteria (<i>a moving picture</i>)</li> <li>generate, develop, model and communicate their ideas through talking, drawing, templates and mock-ups</li> </ul>	<ul style="list-style-type: none"> <li>select from and use a range of tools and equipment to perform practical tasks for example, cutting, shaping, joining and finishing</li> <li>select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</li> </ul>	<ul style="list-style-type: none"> <li>explore and evaluate a range of existing products</li> <li>evaluate their ideas and products against design criteria</li> </ul>	<ul style="list-style-type: none"> <li>build structures, exploring how they can be made stronger, stiffer and more stable</li> <li>explore and use mechanisms for example, levers, sliders, wheels and axles, in their products.</li> </ul>
	Y3 Branding & Packaging				
KS1	Y2 Patchwork	<ul style="list-style-type: none"> <li>generate, develop, model and communicate their ideas through talking, drawing, templates and mock-ups</li> </ul>	<ul style="list-style-type: none"> <li>Use a range of small tools including scissors &amp; paintbrushes</li> <li>Explore and play with a wide range of media and materials</li> <li>Safely use and explore a variety of materials, tools and techniques experimenting with colour, design, texture and form</li> </ul>	<ul style="list-style-type: none"> <li>Share their creations, explaining the process they have used</li> </ul>	<ul style="list-style-type: none"> <li>Have a deep understanding of number to 10</li> <li>Compare quantities</li> <li>Develop spatial reasoning skills including shape, space and measures</li> </ul>
	Y1 Moving Pictures				
EYFS	Reception Junk Modelling	<ul style="list-style-type: none"> <li>Begin to show accuracy and care when drawing</li> </ul>	<ul style="list-style-type: none"> <li>Use a range of small tools including scissors &amp; paintbrushes</li> <li>Explore and play with a wide range of media and materials</li> <li>Safely use and explore a variety of materials, tools and techniques experimenting with colour, design, texture and form</li> </ul>	<ul style="list-style-type: none"> <li>Share their creations, explaining the process they have used</li> </ul>	<ul style="list-style-type: none"> <li>Have a deep understanding of number to 10</li> <li>Compare quantities</li> <li>Develop spatial reasoning skills including shape, space and measures</li> </ul>
	Nursery Junk Modelling				

### Intent

Design and Technology is an inspiring, rigorous and practical subject. Using creativity and imagination, children design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. They acquire a broad range of subject knowledge and draw on disciplines such as mathematics, science, engineering, computing and art. Children learn how to take risks, becoming resourceful, innovative, enterprising and capable citizens. Through the evaluation of past and present design and technology, they develop a critical understanding of its impact on daily life and the wider world. High-quality design and technology education makes an essential contribution to the creativity, culture, wealth and well-being of the nation.

### Implementation

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