

Year Group: 1	Unit: Food
National Curriculum Aims The national curriculum for design and technology aims to ensure that all pupils: <ul style="list-style-type: none"> ➤ 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 ➤ understand and apply the principles of nutrition and learn how to cook 	Cooking and Nutrition <ul style="list-style-type: none"> ➤ use the basic principles of a healthy and varied diet to prepare dishes ➤ understand where food comes from. Product Outcome To make a healthy smoothie

Prior Learning: Experience of common fruit and vegetables, undertaking sensory activities i.e. appearance taste and smell. Experience of cutting soft fruit and vegetables using appropriate utensils.

Curriculum	Learning Intention/possible activities	Knowledge and Key Vocabulary
Investigate and Evaluate <ul style="list-style-type: none"> ➤ explore and evaluate a range of existing products 	<p>Can I identify what food is a fruit or vegetable? When the children have recapped the names of common fruit and vegetables and their features, play the game 'What am I?' Quick fire – fruit or vegetable? Searching for seeds. Tasting.</p> <p>Can I identify where plants grow and which parts we eat? Children can use the Activity: Where our fruit and vegetables grow to identify where familiar fruit and vegetables grow by cutting and pasting pictures of fruit and vegetables onto a landscape – either on a tree, vine, above ground or below ground.</p>	<p>Knowledge:</p> <ul style="list-style-type: none"> - To know that a smoothie is a fruit and or vegetable-based drink. - To know why a smoothie is such a good drink to have. - To know how to prepare fruit and vegetables. - To know how to use a knife to cut safely.
Design <ul style="list-style-type: none"> ➤ design purposeful, functional, appealing products for themselves and other users based on design criteria 	<p>Can I taste and compare fruit and vegetables? I can suggest what fruits and/or vegetables are in a drink I can taste fruits and vegetables and describe their: appearance/feel, smell, taste</p>	<p>Vocabulary: sensory vocabulary e.g. soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour, hard flesh, skin, seed, pip, core, slicing, peeling, cutting, squeezing</p>

<ul style="list-style-type: none"> ➤ generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology 	<p>I can make a choice as to what smoothie I will make and why</p> <p>Can I design a smoothie carton?</p> <p>The children can design their carton based on the ingredients in their chosen recipe. They can include images and a list of ingredients and can give their smoothie a name.</p>	
<p>Make</p> <ul style="list-style-type: none"> ➤ select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] ➤ select from and use a wide range of materials and components, including construction materials, textiles and ingredients,-according to their characteristics 	<p>Can I make a fruit and vegetable smoothie?</p> <p>Go over safety procedures then make smoothie.</p>	
<p>Evaluate</p> <ul style="list-style-type: none"> ➤ evaluate their ideas and products against design criteria 	<p>Can I evaluate my work?</p> <p>What I found hard was...</p> <p>What I learned was...</p> <p>Give children a sample of a smoothie that they didn't make and ask them to comment on the colour, texture and taste.</p>	

Thinking Deeper: What type of smoothie might a designer aim to create next? Consider gaps in the market and current/upcoming trends.

Links to other subjects:

- Subject Specific links - Art and Design – drawing as part of their packaging design.
- Personal Development – to live a healthy life.
- SMSC – social – food brings people together
- Cultural Capital – Which fruits are locally sourced? Which have to come from overseas? From which countries to these fruits originate?
- Careers – chef, designer.
- British Values – Allergy labelling, safe eating (best before) dates
- Equality – could look at Co-op's Fairtrade policies.