

# Design Technology

## Year 1 and 2

### Spring 2



**Topic** Georges Marvellous Medicine or The Disgusting Sandwich/ Food and Nutrition  
To make a healthy drink and sandwich.

**Rationale**  
Creating the cross-curricular link between the reading of the book George’s Marvellous Medicine, this topic is designed to teach the children about food and nutrition. Using the premise, What should George have done for Grandma? the children will design and make a healthy drink and sandwich which would perhaps make Grandma more pleasant. The children will have the opportunity to try, taste and evaluate before designing and making their own.

- NC Objective**
- Use the basic principles of a healthy and varied diet to prepare dishes
  - Understand where food comes from
  - Design purposeful, functional, appealing products for themselves and other users based on design criteria
  - Generate, develop, model, and communicate their ideas through talking, drawing, templates, mock-ups, and where appropriate, ICT.
  - 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
  - Explore and evaluate a range of existing products
  - Evaluate their ideas and products against design criteria

**Links to other Subject/Topics.**  
**Science** - Materials  
**English** – George’s Marvellous Medicine o The Disgusting Sandwich, Instructions.

**Inspiration for Aspiration**  
Chef, Barista, Food Preparation,

- Key Content**  
**Food and Nutrition**
- What are healthy drinks? (Sample and evaluate a range of healthy fruit juices)
  - How are healthy drinks designed? (Fruit juices)
  - Can I make a drink using a variety of healthy fruit juices?
  - What did I think of my product? (Evaluation)
- Or**
- What are healthy sandwiches or wraps? (Sample and evaluate a variety of healthy sandwich/wrap fillings)
  - How are sandwich/wrap made using selected ingredients?
  - Can I make a sandwich/wrap using their chosen ingredients?
  - What did I think of my product? (Evaluation)

**Concepts**

Design Technology	1	2	3	4	5	6
Design, Make, Evaluate						
Structures						
Mechanisms						
Electrical						
Textiles						
Food and Nutrition						

<p><b>Skills EYFS</b></p> <ul style="list-style-type: none"> <li>• <b>Design</b></li> <li>• Talk about what I'm going to make.</li> <li>• Begin to use the language of designing and making, e.g. join, build and shape</li> <li>• <b>Make</b></li> <li>• Selects tools and techniques needed to shape, assemble and join materials</li> <li>• Beginning to learn how to use a range of tools</li> <li>• To learn to construct with a purpose in mind.</li> <li>• Selects tools and techniques needed to shape, assemble and join materials</li> <li>• To learn how to use a range of tools</li> <li>• Learn how everyday objects work by dismantling things.</li> <li>• <b>Evaluate</b></li> <li>• Talk about my work</li> <li>• Begin to talk about what could make product better</li> <li>• Begin to talk about changes made during the making process, e.g. making decisions to use a different joining method.</li> <li>• <b>Food and Nutrition</b></li> <li>• To begin to understand some of the tools, techniques and processes involved in food preparation.</li> </ul>	<p><b>Y1/2 Skills</b></p> <ul style="list-style-type: none"> <li>• Explain what I want to do and describe how I may do it</li> <li>• Explain the purpose of product, how it will work and how it will be suitable for the user</li> <li>• Describe design using pictures, words, models, diagrams, begin to use ICT</li> <li>• Choose best tools and materials, and explain choices</li> <li>• Use knowledge of existing products to produce ideas</li> <li>• <b>Make</b></li> <li>• Explain what I am making and why it fits the purpose</li> <li>• Make suggestions as to what I need to do next.</li> <li>• Join materials/ components together in different ways</li> <li>• Measure, mark out, cut and shape materials and components, with support. Describe which tools and materials I'm using and why</li> <li>• Use finishing techniques to make product look good</li> <li>• <b>Evaluate</b></li> <li>• Describe what went well, thinking about design criteria</li> <li>• Talk about existing products considering use, materials, how they work, audience, where they might be used, express personal opinion</li> <li>• Evaluate how good existing products are</li> <li>• Talk about what I would do differently if I were to do it again and why</li> <li>• <b>Food and Nutrition</b></li> <li>• Identify the five food groups and know what makes a balanced diet</li> <li>• Construct a wrap that meets a design brief</li> </ul>	
<p><b>EYFS Vocabulary</b></p> <p>picture drawing use experiment change tools materials idea improve technology tape record video photograph computer food meal snack healthy diet</p>	<p><b>Y1/2 Topic Specific Vocabulary</b></p> <p>Medicine Fruit juice Names of fruits Sandwich/wrap Names of sandwich ingredients Fruit and vegetables Potatoes, bread, rice and pasta Dairy Beans, pulses, fish, eggs, meat Sugars and fats</p>	<p><b>Y1/2 DT Vocabulary</b></p> <p>Evaluate Reflect Make Cut Product Tool Equipment Measure Plan Healthy Fruit Vegetables Protein Fat Carbohydrate Dairy Juice Pulp Mix Stir Puree Spread Ingredient Recipe Healthy</p>
<p><b>By the end of the topic children will be able to successfully answer the following questions: -</b></p> <p><b>Food and Nutrition</b></p> <ul style="list-style-type: none"> <li>• Can I sample and evaluate a range of healthy fruit juices?</li> </ul>		

- Can I design a drink using a variety of healthy fruit juices?
- Can I make a drink using a variety of healthy fruit juices?
- Can I evaluate a drink made using a variety of healthy fruit juices?

**Or**

- Can I sample and evaluate a variety of healthy sandwich/wrap fillings?
- Can I design a sandwich/wrap using their chosen ingredients?
- Can I make a sandwich/wrap using their chosen ingredients?
- Can I evaluate my healthy sandwich/wrap?

**Assessment**

Design, in book.

Observation of use of skills taught in finished product.

Observation assessment of finished product – is it fit for purpose?

Evaluation of finished product, in book.