




Year 3 – Floating Gardens

<p>Concepts</p>	 <p>Finding out about what already exists and how things work</p> <p>Innovate</p>	 <p>Using a range of skills and tools to design and make</p> <p>Technique</p>	 <p>Evaluate success of own and others' design</p> <p>Evaluate</p>
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In D&T the children will research traditional dishes eaten during Chinese New Year celebrations. In this unit of study, the children will build on their previous skills, this time creating a savoury dish- after learning more about the culture. They will learn about Ching He Huang and take inspiration from her recipes, as well as those traditionally made at Chinese New Year.

National Curriculum

- I can talk about the different food groups and name food from each group
- I can understand that food has to be grown, farmed or caught in Europe and the wider world
- I can use a wider variety of ingredients and techniques to prepare and combine ingredients safely

Learning Overview

- Know that floating gardens have been an agricultural method for thousands of years
- Know that the Aztecs made chinampa to create more farm land.
- Know that by creating farmland on the water, they were able to grow crops without harming the environment.
- Research floating farms, crops and garden- looking at more modern examples and the materials used to make them.
- Understand why some places in the world need to ensure that their crops can float
- Understand what floating is and what materials do float.
- Experiment with different materials that could be used to create a floating garden (wood, cork, plastics)
- Design a floating garden, considering the materials used, the flowers/plants which would grow in it
- Use a range of joining techniques, materials and equipment to ensure that the product floats and does not get flooded
- Consider the use for their floating garden e.g. to make be used in a garden for aesthetics, to have inside the home as a feature etc
- Make a floating garden (can be individual or group)
- Evaluate success of floating garden and suggest ways that it could be developed further