



Year 4 Project Overview:

Children work in groups to set up a farm shop business and design, make and market a new lunchtime food product using dairy products.

Stage 1: The digestive system

- Discuss where food comes from
- Science lesson on parts & functions of the digestive system

Stage 2: Teeth

- Science lesson types of teeth and their functions

Stage 3: Melting materials

- Science lessons on fair testing, states of matter and changes of state.

Stage 4: Designing a healthy recipe

- Lesson on healthy eating & nutritional benefits of dairy products
- Discuss seasonality
- Brainstorm healthy ingredients that can be added to basic tartlet recipe

Stage 5: Market research

- Maths lesson on survey design and drawing bar charts
- Design a brand & logo

Stage 6: Budgeting

- Shop for ingredients
- Work within a budget
- Maths lessons on calculating with money
- Maths lessons on applying calculation methods to multi-step problems
- Problem solve to adapt ideas

Stage 7: Understanding dairy products

- Discuss how dairy products are made
- Make butter from cream

Stage 8: Making a food product

- Food technology lesson on food preparation & making pastry
- Maths opportunities when reading scales, estimating, measuring accurately, scaling up recipes, basic fractions

Stage 9: Calculating profit

- Considering cost when deciding on a selling price
- Using total ingredients cost to calculate profit

Stage 10: Marketing a food product

- Discuss responsible packaging
- Design packaging
- Design, write & perform advertisements