



Stage 1: Introduction

The Farming STEMterprise project will involve children completing a range of cross-curricular tasks in order to prepare their own ingredients, develop their own British food flag yoghurt products and set up a yoghurt café.

Learning Objective:

- To recognise and name common 2-D shapes
- To design a business logo

Stage Overview:

In this stage, the children are introduced to their challenge: setting up a yoghurt cafe. The children will learn to name and recognise a range of 2D shapes and then use their learning to design a logo for their business.

Presentation notes:

Slide 2: Introduction	<ul style="list-style-type: none"> - Explain to the children that during this project, we will be learning how to set up a yoghurt café business. - Lead a discussion about the children's experiences of café: what are they? Who did they visit with? What did they eat there? - Explain that in their café, they are going to serve yoghurt dishes that they will decorate and all of the ingredients will have been grown or produced in Britain. - Use Google maps to explain where Britain is and specifically where your school is. - Explain that using local ingredients is one way that we can care for the environment because it reduces how far the food has to travel to reach our plates. This reduces the need for transport, reducing air pollution.
Slide 3: Business name	<ul style="list-style-type: none"> - Ask the children to think of any other restaurants or cafés they have been to and make a list of their names on the board. - Explain that their yoghurt café will also need a catchy name to attract customers. - Assign the children to mixed ability groups and challenge them to decide on a name for their café.
Business logos	<ul style="list-style-type: none"> - Use the internet to show some popular business logos and explain that businesses often use very simple shapes for their logos. - Explain that you are going to be learning about two dimensional shapes so that the children can design a nice simple logo like the grown up companies you have looked at.
Slide 4-7: 2D shapes	<ul style="list-style-type: none"> - Use the presentation to talk through the names of the 2D shapes and highlight their features. - Challenge the children to apply their learning during a 2D shape hunt: ask them to find as many different examples of each of the 2D shapes in the classroom/ outside space as they can. - Allow time for the children to report their findings to the whole class and address any misconceptions.

Slide 8: Designing a business logo	<ul style="list-style-type: none"> - Ask the children to design a logo for their yoghurt cafes using the 2D shapes that they have been learning about. - Allow time for the children to present their work and share the names of their businesses.
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Links to the National Curriculum:

Subject	Topic	Objective
Maths	Geometry	<ul style="list-style-type: none"> - Recognise and name common 2-D and 3-D shapes, including 2-D shapes [for example, rectangles (including squares), circles and triangles]

