

MATHEMATICS AND NUMERACY CURRICULUM GUIDE



AUTUMN

SPRING

SUMMER

Benin/Mayan Study

Using natural resources in your Edible Playground (seeds, weeds, grass cuttings, sticks) and nature spaces, create a Benin mask or a Mayan temple structure.

The Victorians

Explore making a Victorian diet of the poor and make your own vegetable gruel. What are the most nutritious/least nutritious gruels you can make?

WW2 /Local Study

Project: Create your own Dig for Victory Edible Playground and design a propaganda leaflet to encourage others to grow their own fruit and vegetables at home.

Map Work (global)

Create a spice map of the world. Locate different spices around the world and where they are grown. Choose two spices and see if you can create the conditions to grow them in your Edible Playground (e.g. lemongrass, turmeric, basil).

Natural Environment

Research what a biome is and see if you can identify any features of different biomes existing in your Edible Playground and outdoor spaces.

Coordinates

Using an ordinance survey of the local area – identify potential areas for food growing. Use examples of food growing in your school to analyse what conditions work well/not so well (shade, pollution, nearby inhabitants etc.). Record as OS coordinates.

Sculpture

Create a sculpture using recycled products and display in your Edible Playground.

Artist Study – William Morris, Warhol etc.

Create a poster for your Edible Playground in the style of one of the artists you are studying.

Screen Printing

Using card or sugar paper stencils or ink rollers – print onto bunting using nature inspired images and display in your Edible Playground.

Design and Build

Design and build a solar-powered oven which you can put in your Edible Playground. See which ones are best at heating up water or wait until you have made soup from your own produce and see which ones heat up the quickest.

Food Technology

Project: Learn how to make an autumnal soup using produce from your Edible Playground. Explore different types of bread and learn how to make bread to accompany your soup. Make and use a solar powered oven to heat your soup.

Textiles

Using screen printing skills, sew and create a series of bunting to display in your Edible Playground with nature-inspired images.

Web Design

Create a simple webpage about your Edible Playground. Provide background information on your Edible Playground, what it is used for, and what will be growing when.

App Research

Research and design an App around healthy food eating/identifying different types of fruit and veg.

Video Editing

Take a series of pictures/videos over the course of the term documenting the growth and presenting as a documentary how a plant grows.

Weather and Signs

Create a weather map for your Edible Playground in a foreign language. Make enter, exit and other signs for the Edible Playground and school grounds.

Plant Names

Study the Latin names of plants and why we often have Latin names for plants. Can you label the plants in your Edible Playground with their Latin names?

Money/Social Interactions

Put together all the language you have learnt and act out role plays in your Edible Playground. Use real produce to buy and sell using foreign currency: at the market, asking for directions, making a request.

Differing Opinions

Discuss the opinion of 'Lost Words' by Robert Macfarlane. Is it right that words representing the natural world such as fern, willow and conker have been replaced in the dictionary by tech vocabulary such as broadband and app? Which words describing the natural world would you keep in the Oxford Junior Dictionary?

Healthy Me

Research and observe the role of worms and mini-beasts in digesting organic matter and helping to create a nutrient-rich soil.
Compare and contrast with how you digest food.

Changing Me

What changes would you like to see in the Edible Playground in the future? How does change impact on nature? Ourselves?
What changes have you experienced/will experience when you move to secondary school? What lessons from your Edible Playground can you take with you?