

Technology

Research and develop design criteria to inform the design of innovative, functional and appealing products.

Understand the principles of a healthy/varied diet. Use knowledge of solids, liquids and gases to describe how mixtures might be separated (filtering, sieving and evaporating)

Dissolving, mixing and changes of state are reversible changes

Explain that some changes result in the formation of new materials (irreversible) - burning, acid on bicarbonate of soda
-Develop food preparation skills (including bridge hold and claw grip)

Prepare a dish safely and hygienically -Use technology to create and implement a range of programmes and content to accomplish specific goals Use technology to collect, analyse, evaluate and present data and digital content.

Maths

Calculate profit margins linked to the manufacture and sale of chocolate

- Fractions (including decimals and percentages)- solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{3}{4}$ and those with a denominator of a multiple of 10 or 25 =Measurement- use all four operations to solve problems involving

Measure [for example, length, mass, volume, money]

Using decimal notation including scaling.

Physical Education

Control a take-off and landing. Combine a range of running, jumping and throwing techniques.

To work in a team or alone to gain possession of a ball & explain rules and tactics in detail .

Humanities

Similarities and differences through the study of human and physical geography (a region in South America)

Explore a non-European society that contrasts with British History - Mayan Civilization AD 900.

The Arts:

Research and develop the techniques of other artist to use in their own work

- Sing in two parts including two part harmonies -

In French we will be learning to speak and respond to the name of common animals and discussing colours.

English

-Using critique to improve our work - being kind helpful and specific Reading - developing comprehension skills; drawing inferences with evidence from the text

=Text types: Persuasive letter, explanation text, poetry, story writing, non-fiction and instructional writing -We will be discussing themes and conventions across a wide range of writing, including debating and persuasive language.

-Handwriting and Presentation -Spelling, Grammar and Punctuation.

Can chocolate transform the world?

SMSC / R.E

Understanding why some people inspire others

Understand rights and responsibilities and how they impact on own lives and the wider world Understand decision-making and the impact this has on others