

Literacy

Explanation texts: They children will start this topic by researching the process of making chocolate: from bean to bar. They will learn how to effectively use topic sentences and causal conjunctions to link ideas together. They will then unpick how to alter the presentation of their writing by using the passive voice, learning the correct subject, verb and object placement in a sentence.

Newspaper Reports: In 'Charlie and the Chocolate Factory' the children are introduced to a variety of different characters, each with their unique personality traits. Together, they will make inferences about the characters in the story, using relative clauses and well-chosen adjectives to describe each of the five competition winners. Using this knowledge, the children will build up to writing a newspaper report detailing Charlie's find of the final Golden Ticket. To help sensationalise their reports, the children will be challenged to incorporate a range of eyewitness statements, ensuring the correct use of speech punctuation, including a colon to introduce a quote. To indicate possession, we will also focus on our use of apostrophes.

Descriptive Writing: When the competition winners are welcomed into the factory, they are introduced to Wonka's most prized possession: The Chocolate Room. This enchanting valley provides inspiration for a range of descriptive writing opportunities. The children will identify the impact of carefully chosen adjectives to describe the chocolate landscape, whilst also focusing on using a greater range of sentence structures, including: many questions and imagine x3 sentences. They will learn how to use a semi-colon to join two independent clauses and will identify which parenthesis mark is most appropriate when adding extra information.

History

The children will conduct an in-depth study into the achievements of the Ancient Mayan Civilisation and the rituals and significance of 'xocolatl' to society at this time.

Geography

The children will study the chocolate trade, including the distribution of natural resources, the chocolate economy and trade links. They will identify where cocoa plantations are located and consider how we are able to enjoy chocolate worldwide, recognising the importance of Fairtrade. Finally, the children will consider the trade links which enabled George and Richard Cadbury's factory in Bournville to thrive.

Design Technology

After taste testing a range of different types of chocolate, the children will design a seasonal chocolate bar to sell at our Christmas Fair. As well as designing and making their chocolate bar, they will also create an advertisement for their product which will include an electrical system to attract attention.

Mathematics

In Maths this half term the children will:

- Learn how to divide four-digit numbers using factors
- Learn the method of long-division to divide a four-digit number by a two-digit number
- Use their knowledge of the order of operations to carry out calculations involving the four operations
- Solve problems involving addition, subtraction, multiplication and division
- Identify equivalent fractions and simplify these
- Use our knowledge of fractions to compare and order
- Apply the four operations to fraction work, including adding and subtracting improper fractions and mixed numbers.

Religious Education

Catholic Social Teaching: In this unit, the children will consider the Big Question: How does Catholic Social Teaching guide us to do the right thing? They will consider what is good about our world and what needs to change after analysing Pope Francis' encyclical letter, 'Laudato Si.'

Chocolate



Enrichment

We will be visited by our Catering Suppliers, *Caterlink*, who will deliver a special chocolate-themed workshop for us. We will be sure to taste a variety of chocolate products for research purposes when designing our own chocolate bar and advertisement board.

Physical Education

Gymnastics: The children will learn to use a variety of spatial relationships when working with a partner i.e. follow my leader, side by side, face to face, back to back and meeting and parting. They will compose an individual sequence comprising travel, jump, roll and balance and then teach it to a partner and perform it together. The children will learn to produce matching and mirroring balances with a partner, executing these on different levels and creating both symmetrical and asymmetrical shapes. They will be challenged to offer an in-depth analysis of their own performance and that of others, identifying improvements that can be made.

PSHE/RHE

The children will explore the pressures young people can face from others, their own expectations and the media. They will consider how people behave and react to their feelings and emotions and how these can change quickly. The children will consider how these feelings can be managed and how, at times, they can seem uncontrollable. Finally, this unit of study will equip our children with the knowledge they need to make safe and sensible decisions regarding online.

Science

Conductors and Insulators: The children will learn the circuit symbols when representing a simple electrical circuit in a diagram before planning and carrying out their own investigations into which materials are electrical conductors and which are insulators.

Willy Wonka's 'What if?': The children will plan and carry out a scientific enquiry into what happens to the brightness of a bulb or the volume of a buzzer when the number of cells or batteries within a circuit is increased or decreased. The children will use a data logger to take accurate and precise measurements and these will then be presented as a line graph.

Dragon's Den: The children will design a festive advertisement board, complete with working bulbs and buzzers, to advertise the chocolate bar that they have created in Design and Technology.

Dimmer Switch: The children will hear from the dragons as they make a last-minute design tweak to our festive chocolate advertisements. We will then attempt to incorporate a dimmer switch into our electrical circuits using nothing other than a pencil. Confused? Graphite is the only non-metal conductor of electricity.

Computing

The children will develop their touch-typing skills as well as learning a variety of keyboard shortcuts. They will consider how to organise computer files and identify the different file types available, including: jpeg, png, doc and wav. They will look at how search engines work, using these to research facts about chocolate! Finally, the children will learn to send emails, which will enable them to email our teachers with their own golden ticket.

Art and Design

This half term, the children will experiment with drawing and painting techniques to depict movement, energy and space. They will use an ink pen to produce an imaginative illustration of the front of a chocolate factory, using Quentin Blake's illustrations as inspiration. To provide a sense of scale, they will add additional details alongside the factory, including a figure, tree or car. The children will then research the works of L.S. Lowry who was famous for his images of industrial landscapes. They will analyse his paintings in greater detail, sketching sections and experimenting with a variety of techniques. Finally, they will aim to create a sense of perspective in their work to enable their drawings to appear three-dimensional.

Music

During this topic, the children will learn about the musical *Charlie and the Chocolate Factory*, comparing and contrasting different songs from the show. They will develop their understanding of the purpose and function of jingles in radio and TV adverts before being challenged to compose their own hook, tagline and lyrics. Finally, they will compose appropriate background music to accompany a chocolate advert!