

Our REAL Project

Project Name

Charlie and the Chocolate
Factory

Project Summary

To explore, compare and contrast our world with the fantasy of the chocolate factory.

Essential Question

Could Charlie's factory be more than just pure imagination?

How are your children meeting the four components of effective projects?

Rigorous

How will students show in depth subject knowledge?

Children will carry out several scientific investigations based on what they want to find out about materials and keeping healthy.

Engaging

How will students engage with the learning?

Children will be engaged in physical, practical and creative activities both inside and outside of the classroom.

Children will be able to compare our real world and themselves with the imaginative ideas from the story.

Authentic

What will our authentic audience be?

Parents, school community, country (in terms of charity).

Learning

How will students show their learning of key skills in this project?

Children will exhibit their final project pieces in their final exhibition.

These will include investigations, diaries, pieces of composed music, art and dt pieces.

Could Charlie's factory be more than just pure imagination?

Project Overview

Children will be immersed into the story of Charlie and the Chocolate Factory .

Children will learn about materials and test the possibilities through scientific exploration and investigation. They will explore famous artists and sculptors and relate their work to their own ideas. They will also learn about physical and human geography of their locality and parts of the world. They will listen to and experience different types of music and become composers of their own piece.

Project Timeline

Week 1 – Project launch. Children given a golden ticket to bring back to school on the first day back. Watch Charlie and the Chocolate factory. Explore immersive environment. Getting to know the characters. Diary writing- What is a day at the factory like? Maths- place value.

Week 2 – Factory is hiring. Willy Wonka needs new factory workers to help design and produce chocolate lollipop. Children to begin chocolate project. Oompa Loompa training. Roald Dahl birthday party. Diary entry from the point of view of Verruca Salt/

Week 3 – Product problems. The chocolate keeps melting! Which material is the best wrapper to keep chocolate cool on a warm day? Can Prince Pondicherry really have a palace made of chocolate? Produce and market lollipop. Instructions for making lollipop.

Week 4 –Transporting the goods. Working scientifically children will explore materials used on a car/van to transport chocolate to shops. Where in the world could we send the chocolate to (globe study- continents and oceans)? Send to pen pals in UAE. Did it melt? What do you do to make sure your chocolate stays delicious?

Week 5 –Should we help the children? –study the child characters. Should we help them? Whose fault is it that the children are spoilt and unhealthy? How can we help Augustus Gloop? Children to create diet and exercise regime for him. Writing a letter from one of the parents.

Week 6 – What is good about sweet treats? –sugar study. Maths- comparing sugar content. What is the impact of sugar on our bodies- teeth (investigation). Sweet art- children study the colourful art work of Beatriz Milhazes and design sweet themed art works in her style. Writing a letter from one of the parents.

Week 7 – Checking out the chocolate factory – How does a real chocolate factory compare to the fictional one? Willy Wonka wants to add to the factory- study of Alberto Giacometti and children create chocolate sculptures.

Week 8 and 9 – Where does chocolate come from? – Human and Physical features of a place- Madagascar. Learn how chocolate is made and where cocoa beans come from. Non chronological report about chocolate. Chocolate dance.

Week 10 – Pure imagination –music focus –exploring instruments and composing a piece of music to play inside the factory. Look at the Charlie and the chocolate factory ride music at Alton Towers. Can we draw inspiration from that? Listen to and discuss the soundtrack to the film.

Week 11 –Our own chocolate factory – Thanks to the hard work of the children over the term, Willy Wonka has decided to open a brand new chocolate factory and he needs help designing it. Children to write a leaflet inviting visitors to their factory.

Week 12 – Could Charlie's factory be more than just pure imagination? Children answer essential question and prepare for exhibition. Nativity story.

Week 13 & 14 – Getting ready for Christmas- enterprise project: designing, making, marketing and selling a product for the Christmas fair based on the theme of chocolate. Maths – weight focus for project. Locating the North and South Pole- Willy Wonka working with Father Christmas to produce candy canes.

Curriculum links and focus:

Science

Materials

Animals and humans (Y1)

Healthy eating and the effect of sugar on body parts (Y2)

Art and Design

Study Beatriz Milhazes and Alberto Giacometti

Texture, colour and pattern.

Design Technology

Christmas and food themed enterprise projects

Geography

Human and physical

Locations (UK study and continents and oceans)

PE

Oompa Loompa training (dance and gymnastics)

Developing balance, agility and co-ordination

Music

Composition

Discussing the music of the Charlie and the chocolate factory ride

PSHE

Studying the personalities of the characters

Would you want to be their friend?

ICT

Algorithms

RE

Nativity story and Christmas production.

Real world experiences

Children will visit a chocolate factory and find out how chocolate is mass produced and gets to them at home. Children will be scientists and solve a series of real life problems relating to materials. They will learn about the world around them and how different parts of the world work together to make and sell chocolate. The children will gain experience of designing, making and selling their own chocolate lollies.

Immersive

See previous page.

Project Outcomes

POL- exhibition: findings

- 1. Design, make, market and sell own chocolate product.*
- 2. Have an understanding of eating treats in moderation.*
- 3. Know the journey of chocolate- from bean to bar.*
- 4. Discuss the world around them.*