



English

Our focus book for this half term is 'Charlie and the Chocolate Factory', by Roald Dahl.

Key vocabulary: Narrative, inverted commas, paragraphs, verbs, expanded noun phrase, subordinating conjunction, co-ordinating conjunctions, pronoun, apostrophe, omission, possession.

What pupils will learn:

- I can write a character description
- I can write a diary entry from the perspective of a character
- I can use fronted adverbials to start sentences
- I can use speech accurately in my writing

History – Railways

Our children will be focusing on railways and the importance they have on society—past and present. We will be looking closely at the development of Crewe railway station.

Key vocabulary: steam engine, locomotive, trade, transport, Flying Scotsman, Mallard, Evening Star, railway line, route, privatisation, nationalisation, key.

What pupils will learn: I know how our national history is reflected in our locality of Crewe (Crewe railway station).

Geography

In Geography, we will be looking at Crewe and how it has changed with the arrival of the trains.

Key vocabulary: Geographical regions, cathedral, village, town, climate zones, hemispheres, human, physical.

What pupils will learn:

- I understand the effects of human activity through a study of the railway in Crewe.
- Explain how Crewe has changed over time with reference to human features.

Year 4 Spring Term Chocolate

Focus text:



Educational Visits:

Crewe Library – Spring 1 – No Charge

**Cadbury World – Spring 2 – approx. £20
Dates to be confirmed.**

Maths

Key vocabulary:

Division, multiplication, problem, sharing, bar model, place value counters array, fractions, equivalent, area, tenths, hundredths, remainders, more than, less than, equal to, simplifying

What pupils will learn:

In maths, the pupils will continue to use Power Maths. This term we will focus mainly upon; multiplication and division, area, fractions and decimals.

Science – Sound/States of matter

We will be looking at sound and states of matter.

Key vocabulary: Pitch, sound, volume, source, travel, vibrate, vibrations, waves, quiet, loud, faint, insulation, experiment, investigate, conclude. Digestive, solid, liquid, gas, evaporation, condensation, the water cycle, producers, prey, predators, food chain, molar, incisors, canine, intestine, oesophagus.

What pupils will learn

- I can explain how sounds are made and how it travels to the ear.
- I can explain the patterns between pitch of a sound and features of the object that produced it.
- I can explain the difference between the volume of a sound and the strength of the vibrations that produced it.
- I can explain why sounds can get fainter as the distance from the sound source increases.
- I can compare and group materials according to whether they are solid, liquid or gas.
- I can observe that some materials change state when they are heated and cooled.
- I can identify the part played by evaporation and condensation, in the water cycle.

Design Technology

We will be creating our very own book jacket with the main focus on the fastenings on them. We will evaluate different types of fastenings before designing our own book sleeve on paper. After we have made the mock-up, we will test making out jacket allowing us to make any changes before we assemble our final book sleeve.

Key vocabulary: Criteria, fabric, fastening, fix, mock-up, stitch, template.

What pupils will learn:

I can explain the advantages and disadvantages of different types of fastenings.

I can design a book jacket to meet a design criterion and test my design.

Art

This term, we will be learning about the artist Antoni Gaudi. We will use his work as inspiration, alongside Roman mosaic, to design and sketch our own Roman style pottery.

Key vocabulary: Pottery, Roman, vase, coarse wear, fine wear, amphorae, shadows, patterns, texture, mixing, paint, tints, Gaudi, mosaic, pattern.

What pupils will learn:

I can study the work of Antoni Gaudi.

I can create all the colours I need through mixing and experiment with different effects and textures.

I can create my own roman Mosaic based on Gaudi.

I can study Roman pottery and begin sketching my own using different materials.

MFL

In French, we will label and name parts of the face and describe these body parts in sentences. We will also learn the names for different family members, names of animals.

Key vocabulary: marron, bleu, rouge, rose, jaune, écoutez, cheetah, Hippopotame, mais,, et, Autruche, Girafe, Hyene,

What pupils will learn:

I can name parts of the head and body.

I can identify different members of my family.

I can write 2 sentences in French describing parts of the body

I can identify and name different animals in French.

PSHE including well-being and mental health

This term, we will be learning about different emotions and being able to take responsibility for our own happiness. This will help us to understand what mental health is and who we can speak to if we need help.

Key vocabulary: Growth mindset, physical health, mental health, resilience, emotions.

What pupils will learn:

I can recognise what I am good at.

I can develop a growth mindset and understand why mistakes are useful.

I can identify what is important to me and take responsibility for my own happiness.

I can understand a range of emotions.

I can begin to understand what mental health is and who can help if I need it.

RE – Christianity and Islam

In RE, we will be learning about Christianity; specifically, at how Christians believe that Jesus provided them with Salvation. We will be looking at a variety bible stories that show this.

Key vocabulary: Resurrection, crucifixion, creation, saviour, salvation, key concepts, bible, new testament, old testament.

What pupils will learn:

I can explain what Christians learn about Jesus

I can suggest reasons why Christians call Jesus ‘Saviour’ using references from key texts.

I can explain how Christians see god as ‘three-in-one’

I can explain, with reference to the creative arts, how God has a salvation plan for humans.

Computing – Spreadsheets/Writing for different audiences/logo

In computing, we are going to be learning all about spreadsheets, how they work and what we can use them for.

Key vocabulary: Average, spreadsheet, formula, column, budget, chart, data, decimal place, equal tool, format cell, formula wizard, line graph, percentage, place value, random number tool, spin tool, timer, row, campaign, format, font, genre, opinion, reporter, viewpoint

What pupils will learn:

I can explain how we can use spreadsheets in real life.

I can use a simulated scenario to produce a news report.

I can use a simulated scenario to write for a community campaign.

I can create logos using formulas which change shape and repeat.

I can create stop motion animations.

PE – Gymnastics

This term we will be focusing on creating different shapes with our bodies and creating a sequence with a partner that includes at least three different stages

Key vocabulary: sequence, bend, move, speed, direction, obstacles, space, transitioning, repetition, ordered

What pupils will learn:

I can work in a controlled way

I can change my speed and direction

I can create a range of shapes with my body

I can work with a partner to create, repeat and improve a sequence with at least 3 stages.

Music

This term, we will be learning about the musical style of rock and roll. We will be listening to different styles of music and learning about how we can explain the musical style using specific language such as tempo and dynamic.

Key vocabulary: rock and roll, hand jive, 1950’s, tempo, dynamic, notation, style

What pupils will learn:

I can understand the history of rock and roll music

I can perform with a sense of style

I can play a walking bassline on tuned percussion