



Year 6 Spring term 1



A note from the year 6 team - Miss Groom, Mrs Wilson & Miss Deane

Welcome back! We all hope you have had a restful break. We have lots planned and are very excited to be starting the term with our topic '**Frozen Kingdoms.**'

Reminders

- ◆ Listen to your child read daily and sign their diary.
- ◆ Bring signed reading diaries into school daily.
- ◆ Label all your children's belongings – children to bring a drink of water – no fizzy pop, energy drinks or milkshakes please.
- ◆ Please stand back from the gate when collecting and be patient. We want to see each person collecting clearly to ensure we dismiss safely.



Children can bring a healthy snack into school for breaktime. **NO NUTS OR PRODUCTS CONTAINING NUTS.** Fresh fruit is not provided in KS2.

Key Dates



PE – Our PE day will be on a **Wednesday**. Please arrive in PE kit; with long hair tied back and earrings removed for safety.

Our PE uniform is:

- Black tracksuit bottoms/shorts
- White t-shirt (plain)
- School jumper or plain black hoodie.
- Bare feet or grip socks for dance

Websites

Please ensure you have access to the below websites - individual login details have been shared at parents' evenings and can be found in the front of the reading diary.

Try to spend 20 minutes daily on either of these.



English

During guided reading lessons, we will be reading **Wonder** by **R.J. Palacio** and working on a range of unseen texts from all genres.

Our writing lessons will be looking at **non-chronological reports** and **setting descriptions**.

Our spelling focus will be on words with irregular spelling patterns, adverbs and words with silent letters.

Maths

This half term we are looking at **fractions, decimals and percentages, followed by geometry and shape**. We will be **deepening our understanding of proportional reasoning, coordinates and angle relationships**. Towards the end of term, the focus moves to **polygons, circles and 3D shape nets**.

Key maths vocabulary

fraction, decimal, percentage, equivalent, proportion, value, axis, quadrant, coordinate, reflect, symmetry, angle, acute, obtuse, reflex, straight line, vertex, polygon, regular, irregular, triangle, isosceles, scalene, equilateral, quadrilateral, parallel, perpendicular, circle, radius, diameter, circumference, net, face, edge, vertex, estimate, calculate, operation, multi-step, relationship, conversion

P.S.H.E. – Dreams and Goals

This half term our focus is on knowing our strengths and to be able to set challenging but realistic goals for myself, to understand why it is important to stretch the boundaries of current learning, to recognise what steps to take to reach our goals and understand how to motivate ourselves to work on these.

RE

Our key question for enquiry in R.E. is **'Is anything ever eternal?'** from Christianity. Year 6 will explore ideas from this faith and their own ideas.

Science

The new topic is **'Evolution.'** In this topic, Year 6 will work to recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago. To recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents and to identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Geography

This half term, we are exploring the polar regions and the science behind them. We will begin by comparing weather and climate using real climate graphs, then build on our global understanding by locating the Equator, hemispheres and key lines of latitude and longitude. We will investigate Earth's tilt to understand polar day and night before studying the physical and human features of the Arctic and Antarctic. Towards the end of half term, the focus moves to climate change and its impact on polar environments.

Physical Education - Dance

This unit focuses on the WW2 history topic 'The Blitz'. Year 6 will create a dance exploring lightning shapes (from 'Blitzkrieg' or 'Lightning war') and the effect of falling bombs on nearby buildings. Year 6 will experience how movement can tell a story, using dance to represent the chaos and resilience of The Blitz whilst working collaboratively in groups, ensuring safe transitions between movements. The unit progresses to explore the choreographic relationship of call and response in dance and to use dynamic movement to show cause and effect in response to the Blitz and lightning.

Music (CHARANGA)

This half term we will be using the music scheme 'Charanga' to complete the Year 6 topic of **Creative Composition**. By using chords in compositions, Year 6 will create music that is more harmonically interesting. We will also create accompaniment for a melody using chords. In this unit, we ask, 'How Does Music Improve Our World?'. The Social Question evolves as the children move through the scheme while encouraging them to be responsible and kind citizens of the world.

Computing (KAPOW)

Toward the end of this half term, we will be exploring the unit of **'Big Data 1'** This finds Year 6 looking at Q.R. codes, understanding how RFID technologies work, why RFID is used in the real world and explain why bar codes and Q.R. codes were created.

Art (KAPOW)

Towards the end of the half term, Year 6 will focus on the unit of **Craft & Design: Photo Opportunity**. We will explore creative photographic techniques, creating new images through photomontage, understanding photorealistic self-portraits, and applying digital photography to art design, enhancing their skills in composition and editing.