

Who fuelled the space race?

Year 5 Spring 1: To Infinity and Beyond.

Driver: Adaptation

In maths, can we..?

Read and interpret data on a range of graphs and tables.
 Use data to solve word problems.
 To understand the relationship between our multiplication facts and fractions.
 Find fractions of amounts and numbers.
 To add, subtract and multiply fractions and find common denominators.
 To solve word problems involving fractions.
Key Vocabulary: fraction, numerator, denominator, mixed number, improper fraction, multiples, simplify, equivalent.

In English, can we...?

Understand key vocabulary?
 Use precise expanded noun phrases?
 Use paragraphs to clearly sequence ideas and organise information?
 Use a range of devices to build cohesion across paragraphs?(e.g. sequencing words and phrases, pronouns, coordinating and subordinating conjunctions)
 Describe a setting with rich vocabulary
 Identify the key features of a biography
Key Vocabulary: biography, noun phrase, precise verbs, subordinate clause, cohesion, paragraphing, pronouns, conjunctions.

As home learners, can we..?

Practise our times tables? (confidently recall all X tables and improve our recall speed).
 Read daily at home and record this in our Planners? Complete the weekly Maths and English homework tasks set on Century each week by Friday.

In RE, can we...?

Gather, select and organise ideas about Islam.
 Describe how features of a mosque/Muslim prayer reveal about Muslim belief, using appropriate vocabulary.
 Suggest how praying or worshipping as a community might benefit Muslims / themselves.
 Describe and connect some key Muslim beliefs about Allah, worship practices and the pillars.
 Describe the impact of celebrating and fasting in the life of Muslims.
 Explain how pilgrimage differs from other journeys.
Key vocabulary: Pillars of Islam, Shahadah , salah Sawm, Zakah, Hajj, Pilgrimage, Ramadan, Eid – ul - Adha, Eid – ul - Fitr, Imam, hijab, burka Masjid, fasting, crescent moon, Ka’bah, Minbar

In PE, can we...?

Develop our ball and team game skills?
 Use space effectively when moving with a ball?
 Improve our knowledge of attacking and defending skills?
 Understand when to pass and when to defend?
Key Vocabulary: pass, defend, attack, Interception, opponent, press, defend, attack, tracking, hold, possession, maintain.

In music, can we...?

Listen, appraise and identify musical features, using the language of the musical elements?
 Write a rhythmic ostinato, using Mars by Holst as a stimulus?
Key Vocabulary: rhythm, pattern, repeated, elements, rhythmic ostinato.

In Science, can we...?

Describe the movement of the Earth and other planets in our solar system relative to the Sun?
 Describe how the moon moves in relation to the earth?
 Describe the Sun, Earth and Moon as approximately spherical?
 Talk about Earth’s rotation to explain day and night and the apparent movement of the Sun across the sky?
 Explain that unsupported objects fall towards the Earth because of the force of gravity?
 identify the effects of air resistance, water resistance and friction?

Key Vocabulary: sphere, revolve, orbit, spin, rotate, axis, sunrise, sunset, north, south, east, west sphere/spherical, around, rotate on its axis, spin, orbit.

In Spanish, can we...?

Talk about sports in Spanish. Learn key phrases and say which sports we like and which sports we don’t like.
 Talk about food and drink, preparing for our Spanish Cafe in March.
 Learn key vocabulary and give opinions about foods we like.
Key vocabulary:
 Jugar al fútbol - playing football, jugar al tenis- playing tennis, nadar - swimming, patinar
 Skating, montar en bici - riding my bike.¿Qué quieres? What would you like?/ What do you want? ¿Quieres? Would you like some?/Do you want some? Me gusta - I like, No me gusta - I don’t like.

In computing can we..?

Create a formula in a spreadsheet to convert m to cm?
 Use a spreadsheet to work out which letters appear most often and use the ‘how many’ tool?
 Use a spreadsheet to work out the area and perimeter of rectangles?
 Use these calculations to solve a real-life problem?
 Create simple formulae that use different variables?
 Create a formula that will work out how many days there are in x number of weeks or years
Key vocabulary: formula, spreadsheet, commands, variables.

In art/DT, can we...?

Create textures to combine visual and tactile qualities and create real-life or abstract proportions when creating collage and sculpture?
Key Vocabulary: texture, material, sculpture, collage, media.

Welcome to the Year 5 Newsletter!



Our topic for this half term is **“To Infinity and Beyond!”** Our driver is **adaptation** and we will focus on how humans adapted to survive in space as different countries raced to be the first to explore the galaxy and successfully carry out spacewalks and other missions.

Key dates

Please check the weekly newsflash as we will update this regularly.

12th January - Year 5 visit Earlswood Mosque 5CO/5JD (timings TBC)

18th January - Year 5/6 Choir at the Young Voices concert

19th January - Year 5 visit Earlswood Mosque 5SE/5RH (timings TBC)

10th February - End of half term

PE day

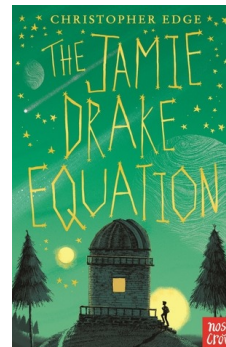
Our whole year group PE day is on a Wednesday. 5CO and 5SE will have their additional PE session on a Monday and 5RH and 5JD will have theirs on a Tuesday. Please provide spare trainers to have in school for each PE lesson.

Residential to St Briavels Castle

We are very excited about our up and coming visit to St Briavels. Thank you to all who have paid the £25 deposits. Please can any outstanding deposits be paid by the start of the new term otherwise your child will not be guaranteed a place. Details of the remaining payment dates will be sent in the new year.

Reading Focus

We will be using the book ‘The Jamie Drake Equation’ by Christopher Edge to support our learning in our English and Destination reader lessons. It would be helpful if your child could have their own copy as we are trying to avoid sharing resources where possible. Many thanks.



Reading Raffle

This has proved popular this term. We will draw the reading raffle in the first week back to give your children time over the holidays to win some more raffle tickets. Please encourage them to read and sign their planners so that they can show their class teacher how much they have read over the holidays.

Google Classroom

We are using google classroom to support our learning in many lessons. Why not ask your child to share their weekly learning with you?

Home Learning

Weekly home learning will be set on a Friday and will be due on the following Wednesday. It will be set on Century. <https://www.century.tech/> There is a weekly home learning club available on a Tuesday after school if your child would like support with their weekly home learning. Please support your child with this as it is an individual learning tool, which sets questions based on your child’s need and ability and offers instant feedback to the teacher over any misconceptions your child may have. We use this to inform our planning and reactive sessions when needed.

Break time snacks

Please can you ensure that the snacks that your children bring in for breaktime are healthy and contain no nuts, chocolate, crisps or sweets.

Art Apron

We will be using a range of different materials during our art lessons. It would be helpful if your child has a painting apron or old shirt in their bag to protect their school uniform.

Uniform

Please ensure that your child comes to school in full school uniform every day, with a coat as we aim to go outside in all weathers. Trainers are only to be worn on our PE days. Royal Blue/Navy jogging bottoms/shorts or skorts, a white T shirt with a plain blue jumper are acceptable PE kit. No hoodies in other colours please.

Respect

Responsibility

Resilience

Kindness

