



Bramham and Shadwell Federation

Curriculum Newsletter: Class 6 January – February 2025



English		Maths		Science	Geography	
<p>Focus Units:</p> <ul style="list-style-type: none"> Writing unit 1: Persuasive advert for a games console. In the first part of the half-term, our pupils will write a persuasive advert for the games console they designed during our Global Economy launch day. We will focus on persuasive features such as rhetorical questions, the rule of three and emotive language. Writing unit 2: Suspense story based on the short film 'Alma'. Our second writing unit will allow pupils to become creative with their fiction writing. They will focus on how to most effectively create suspense and will practice refining their vocabulary and grammatical choices. Reading: Inference Skills This half-term, we will explore and utilise the text 'A Study In Scarlet' by Arthur Conan Doyle to develop and refine our inference skills. 		<p>Focus Units:</p> <p>Decimals and Percentages</p> <ul style="list-style-type: none"> Children will be able to divide whole numbers by larger whole numbers that give rise to decimals, convert fractions into decimals, write fractions as decimals as well as multiply and divide decimals using various methods. By the end of this unit, children will be able to represent a percentage in different ways, convert percentages to decimals and fractions as well as calculating any percentage of a number to solve problems in a range of contexts. Children will be able to solve problems where the percentage part and size of the part is known and the whole is unknown as well as where the known percentage part and size of the part changes the whole. <p>Measurements</p> <ul style="list-style-type: none"> By the end of this unit, children will be able to convert common measurements such as centimetres into millimetres and distances such as metres into kilometres and miles into kilometres. Children will be able to convert units of mass from grams to kilograms, units of volume from millilitres to litres and units of time from minutes to hours. <p>KIRF: Convert between fractions, decimals and percentages.</p> <ul style="list-style-type: none"> Children should be able to express a fraction as a decimal or a percentage e.g. $\frac{4}{5} = 0.8 = 80\%$ 		<p>Focus: The Heart</p> <p>The children will be developing their scientific knowledge about the heart and circulatory system. We will use practical tasks to understand how blood collects and deposits oxygen throughout the body. Children will also complete investigations about exercise and present their data and draw conclusions based on the evidence they have found.</p>	<p>Focus: Global Economy</p> <p>Our pupils will begin our topic with an enterprise style task. They will be designing a games console while taking into consideration labour costs and outsourcing. The pupils will locate the largest economies in the world and will extend their learning through research of economically developed and developing countries. The children will extend their locational knowledge through exploration of time zones.</p>	
<p>Art: Sculpture – Food sculpture out of clay</p>	<p>P.E: Dodgeball and Tag Rugby</p>	<p>French: Time and daily activities</p>	<p>Computing: Espresso Coding – More complex variables</p>	<p>PSHE: Keeping Safe</p>	<p>Music: Musical effects and moods</p>	<p>RE: Hinduism The nature of religion and belief</p>
<p>Children will explore sculptures that have been inspired around the theme of food. They will look at work by Peter Anton and Kate Malone. They will revise the colour theory and learn about tertiary colours before learning how to condition, smooth and shape clay to create their own final pieces.</p>	<p>Children will develop cooperation and collaboration skills. They will develop fundamental movement skills such as throwing, catching and turning and apply these skills into game situations.</p>	<p>Children will learn to tell the time and be able to ask what time it is. Children will learn vocabulary for daily activities and then use their knowledge of time to say and write a short paragraph about what they do in a day.</p>	<p>Children will look at 'coding' in a different sense; developing their understanding of computer coding to input complex variables to create game apps.</p> <p>E-Safety: Children will learn about why someone might have an online friendship and dangers of revealing personal information to an online friend.</p>	<p>Children explore a range of objectives linked to safety. Children learn about feelings of being out and about in the local area with increasing independence and dealing with peer pressure. Children will also learn about anti-social behaviour.</p>	<p>Children will experiment with vocal and instrumental sounds, varying pitch, dynamics, articulation and timbre. Children perform a soundscape following a graphic score and explore using harmonies to create mood and atmosphere.</p>	<p>'What do different Hindu people believe about God?'</p> <p>Pupils will identify similarities and differences in belief and worship in different traditions in Hindu Dharma and compare these to other beliefs.</p>

Helping at Home

Here are some helpful reminders of the resources you can access at home to support your child's learning and key vocabulary that we would encourage you to explore with your child to help them with their learning.

English	Weekly English homework Spelling list and online access to spelling shed Please support your child in reading for 15 minutes at least three days a week. Key Vocabulary: persuade, persuasive advert, persuasive features, rhetorical questions, rule of three, hyphen, dash, alliteration, modal verbs, suspense, tension, figurative language, climax, resolution
Maths	Weekly maths homework Online access to TT Rockstars – fluency with times tables will be massively beneficial with our work with fractions this half term. Key Vocabulary: percentage, percentage change, round, greater than, less than, units of measurement, millimetres, centimetres, convert, compare, divide by 10, multiply by 10, length, width, perimeter, metres, divide by 100, multiply by 100, kilometres, divide by 1000, multiply by 1000, distance, miles, multiply by 1.6, multiply by 0.62, approximately equal, grams, kilograms, mass, millilitres, litres, hours, minutes, seconds, decimal, fraction, multiply, divide, time
Science	Key Vocabulary: circulatory system, heart, blood, blood vessels, pumps, carbon dioxide, oxygen, lungs, nutrients, water, diet, exercise, drugs, lifestyle
Geography	Key Vocabulary: global economy, trade, outsourcing, labour, profit, globalisation, financial, business, factories, components, headquarters, commerce, commercial, commercialisation, developed, invest
Art	Key Vocabulary: tertiary colours, condition, malleable, manipulate, moulding, score, slip, shades, tints, tones
PE	Support your child by encouraging them to take responsibility for their own PE kit. By the time they leave KS2, we would expect children to be able to remember it is a PE day without any adult prompt.
French	https://www.bbc.co.uk/bitesize/subjects/z39d7ty Duolingo is a free app that teaches new vocabulary and provides examples of pronunciation by a native speaker and then checks your pronunciation!
Computing	Key Vocabulary: complex variables, variable, user input, output, conditional event, operator blocks, Boolean expression, operator blocks, true, false
PSHE	Key Vocabulary: potential risks, local area, reality, assumptions, stereotypes, dilemma, peer pressure, risky behaviour, consequences, anti-social behaviour, social behaviour, responsibility, actions, law
Music	Key Vocabulary: articulation, harmony, pitch, timbre, dynamics, staccato, legato, consonant, dissonant, effect, mood, atmosphere
RE	Key Vocabulary: Hindu, Brahman/Parmaatma, Aum, Mandir, Trimurti, Vedas, Avatar, Puja, Karma, Ahimsa, Lotus Flower, Deity, Murti, Moksha, swastika, Bindi, Atman

Homework is given out on a Thursday to be returned the following Tuesday. **Please encourage your child to discuss their homework at home in order to help them develop their explanation and reasoning skills.** Children will be set an **optional** Learning Log activity once during every half term. This will be related to the Enriched Curriculum. On weeks when this is set, it will replace the Maths and English homework.

Other ways to support at home:

- **Play games together:** Playing games together such as board games, card games and puzzle games can strengthen key skills such as problem-solving and resilience building.
- **Promote writing:** Looking for opportunities to write can be a great way to apply spelling knowledge and writing skills as well as practise handwriting – shopping lists, family occasion cards etc.

Dates for the Diary and any other information

Our PE day will be on a **Wednesday**. Please could children come into school in their PE kit.

Tuesday 14th January – Virgin Money Talk Y6

Wednesday 29th January – Chinese New Year

W/C 3th-9th February – Children's Mental Health Week

Monday 3rd February – Residential Parent Information Meeting 4pm at Bramham

Tuesday 4th February – Residential Parent Information Meeting 4pm at Shadwell

Friday 7th February – NSPCC Number Day

Tuesday 11th February – Internet Safety Day

Thursday 6th March – World Book Day

Wednesday 19th March – Friday 21st March – Residential Visit

