



Bramham and Shadwell Federation

Curriculum Newsletter: Class 6 February – April 2025



English	Maths	Science	Geography
<p>Focus Units:</p> <ul style="list-style-type: none"> Writing unit 1: Informative Writing In the first part of the half-term, pupils will be writing and recording their very own wildlife documentaries! We will recap formal language features that were used in their newspaper reports and will study new features such as the active and passive voice. The children will refine their speaking skills while recording their documentaries. Writing unit 2: Persuasive Writing Our second writing unit will focus on writing letters to Willersley Castle after our residential visit. Reading: Authorial Choice This half-term, our reading skill focus will be 'authorial choice'. The children will think like detectives and analyse language within a variety of text types. We will also start to look more in-depth at SATS style reading questions to build pupil confidence. 	<p>Focus Units:</p> <p>Area and Perimeter</p> <ul style="list-style-type: none"> By the end of this unit, children will be able to find the area and perimeter of rectangles, triangles and parallelograms. Children will be able to identify the base and height of a triangle. <p>Algebra</p> <ul style="list-style-type: none"> By the end of this unit, children will be able to determine repeating patterns and express the relationship between consecutive numbers in terms of a symbol or letter. Children will also be able to express unknown numbers using a number before a letter for multiplication, write algebraic expressions and express a missing number algebraically by writing and using formulae. <p>Volume</p> <ul style="list-style-type: none"> By the end of this unit, children will be able to find the volume of cubes and cuboids. <p>Geometry</p> <ul style="list-style-type: none"> By the end of this unit, children will be able to find the sum of angles in triangles and quadrilaterals and use these to solve problems involving angles in other shapes. <p>Graphs</p> <ul style="list-style-type: none"> By the end of this unit, children will be able to calculate the mean as well as read and interpret pie charts and line graphs. <p>KIRF: Identify prime and composite numbers up to 50. Children should be able to explain how they know that a number is composite. E.g. 39 is composite because it is a multiple of 3 and 13.</p>	<p>Focus: Living Things and Habitats</p> <p>The children will be developing their scientific knowledge about why different animals have different habitats and features. The children will develop an understanding of the classification system of living things and will create their own classification keys. Children will also learn about the life and work of the scientist Carl Linnaeus.</p>	<p>Focus: Rivers</p> <p>Our pupils will be learning about the features of the water cycle, understanding the journey of the river from source to sea; discussing the factors that cause flooding and the physical and human impact floods have on the world.</p>

DT: Periscopes	P.E: Invasion Games	French: Myself and My Personality	Computing: Data and Information – Flat-file databases (spreadsheets)	PSHE: Understanding the Law	Music: Musical Effects and Moods	RE: Christianity Who was Jesus?
Children will be designing, creating and evaluating a working periscope that could be used by soldiers in the WW2 trenches. They will use accurately measure and create a net of their container before assembling components securely. Children will further their understanding of angles and how mirrors reflect light for a periscope to work.	Children will develop fundamental movement skills such as object control, locomotion and stability. Children will also develop their attacking and defending strategies and implement these during modified games.	Children will learn key vocabulary to describe their physical appearance and their personalities and interests. Children will be given opportunities to practice this in conversation. They will also be able to write sentences to describe themselves.	Children will be introduced to spreadsheets and will be supported in organising data into columns and rows to create their own data set. Children will learn the importance of formatting data to support calculations and how to use formulas to produce calculated data. E-Safety: Children will learn about how media plays a powerful role in shaping ideas about girls and boys.	Children will learn about what the law is and why we have it. Children will learn about being a responsible citizen, what antisocial behaviour is, its impact, hate crimes and different types of crime. They will also learn about protected characteristics, human rights, children's rights and why these are important.	Children will explore a variety of musical styles & performance skills. Children will then apply their new learning to compose their own piece of music that creates mood and atmosphere and perform this to their class.	'What do Christians believe about Jesus' death and resurrection?' The children will learn about the history of who Jesus was and explore the varying viewpoints that were had at the time. They will do this through analysing extracts from the Bible, partaking in role play activities and discussing thoughts. Pupils will understand the relevance of Jesus' death and resurrection to Christians today.

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: active and passive voice, formality, parenthesis, commas, dashes, brackets, co-ordinate and subordinate conjunctions, colons, semi-colons
Maths	Weekly maths homework Online access to TT Rockstars – fluency with times tables will be massively beneficial with application of skills to reasoning problems this half term. Key Vocabulary: prime, composite, factor, multiple, length, breadth, perimeter, area, perpendicular, base, height, formula, parallel, parallelogram, cube, cuboid, volume, cubic mm/cm/m, vertically opposite angles, equilateral triangle, isosceles triangle, quadrilateral, pentagon, hexagon, polygon, radius, diameter, circumference, rhombus, trapezium, kite, negative number, the origin, x-axis, y-axis, coordinates, translation, reflection, mirror line, object, image, average, mean, mode, median
Science	Key Vocabulary: habitats, living things, micro-organisms, environment, vertebrates, invertebrates, fish, amphibians, reptiles, birds, mammals, insects, spiders, snails, worms, flowering, non-flowering, classification keys, features, characteristics, Carl Linnaeus
Geography	Key Vocabulary: bank, basin, current, delta, confluence, erosion, estuary, meander, mouth, source, summit, avalanche, landscape, peak, ascent, descent, glacier, altitude, crevasse, ravine
DT	Key Vocabulary: periscope, design, prototype, measure, marking out, cutting, assembly, joining, cross-section, angle, reflection, mirror, evaluation
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: data, collecting, table, structure, spreadsheet, cell, cell reference, data item, format, formula, calculation, spreadsheet, input, output, operation, range, duplicate, sigma, propose, question, data set, organised, chart, evaluate, results, sum, comparison, software, tools
PSHE	Key Vocabulary: citizenship, responsibility, community, anti-social, behaviour, consequences, prevention, impact, law, legislation, rules, justice, crime, offence, equality, diversity, discrimination, inclusion, prejudice, bias, intolerance, rights, welfare, protection, advocacy, United Nations Convention on the Rights of the Child (UNCRC)
Music	Key Vocabulary: Audience, character, communicate, diction, duet, conductor, expression, gesture, improvisation, lyrics, performer, solo, articulation, legato, staccato
RE	Key Vocabulary (Easter – Christianity): ascension, communion, crucifixion, forgiveness, gospel, incarnation, Jesus, Kingdom of Heaven, gospels, Palm Sunday, reconciliation, resurrection, ritual, sacrifice, salvation, Messiah, Hosanna

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.

Thursday 6th March – World Book Day

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

Thursday 6th March – Parent Drop Ins 9-11am (Shadwell)

Monday 24th March – Parent teacher consultations meetings (evening 1)

Thursday 27th March – Parent teacher consultations meetings (evening 2)

Friday 4th April – Last Day of term.

Future Dates

Monday 12th May – Thursday 16th May – Year 6 SATS Week

May to June 2025 (ongoing) – Year 6 End of Key Stage 2 Writing Assessments continue in class

