

## Year 4 – Water, Water Everywhere - Spring 1

### Literacy – Writing

#### Stories from Other Cultures

- Read and explore traditional and contemporary stories from a range of cultures, identifying common themes, characters and structures
- Use oral storytelling, story maps and actions to internalise the structure and language of a model text
- Identify cultural features, settings and vocabulary and use these appropriately in writing
- Develop characters and settings using descriptive language, expanded noun phrases and varied sentence structures
- Use dialogue accurately to show character and advance the action
- Innovate by adapting elements of a model text while maintaining key narrative features
- Plan, write and edit a complete narrative that reflects an understanding of cultural context and storytelling traditions

#### Explanatory Texts

- Read and analyse explanatory texts to identify purpose, audience and organisational features
- Identify and use structural features, including titles, subheadings, diagrams and logical sequencing
- Use technical vocabulary and precise language to explain processes clearly
- Use causal conjunctions and adverbials (e.g. because, therefore, as a result) to link ideas
- Orally rehearse explanations using model texts and shared writing
- Plan and write an explanatory text that is logically structured and clearly written
- Proofread and edit writing to improve clarity, cohesion and accuracy

### Literacy- Read aloud

#### Varjak Paw

- Listen attentively to a full-length novel read aloud, maintaining focus and

### Maths

#### Multiplication and Division

- Recall and use multiplication and division facts for all times tables up to  $12 \times 12$
- Multiply two-digit numbers by one-digit numbers using efficient written methods
- Divide two-digit numbers by one-digit numbers, including remainders where appropriate
- Use a range of representations, including arrays, bar models and number lines, to support understanding
- Solve one-step and two-step problems involving multiplication and division
- Use mathematical reasoning to explain methods and justify answers

#### Length and Perimeter

- Measure lengths accurately using millimeters, centimeters and meters
- Convert between different units of length
- Add and subtract lengths to find totals and differences
- Calculate the perimeter of rectilinear shapes by adding lengths of sides
- Solve practical problems involving length and perimeter in real-life contexts
- Explain strategies clearly using appropriate mathematical vocabulary

#### Fractions

- Recognize and show fractions using diagrams and number lines
- Find fractions of amounts and quantities
- Add and subtract fractions with the same denominator
- Understand and generate equivalent fractions
- Compare and order fractions, explaining reasoning
- Solve problems involving fractions in practical contexts

#### Decimals

- Recognize and write decimal equivalents of tenths and hundredths
- Link decimals to fractions and place value understanding
- Compare and order decimals to two decimal places
- Round decimals to the nearest whole number

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| <p>engagement over extended periods</p> <ul style="list-style-type: none"> <li>▪ Demonstrate understanding of the plot, key events and setting through discussion, prediction and summarising</li> <li>▪ Make inferences about characters' thoughts, feelings and motivations, justifying ideas with evidence from the text</li> <li>▪ Explore how the author uses language, imagery and description to build tension, atmosphere and suspense</li> <li>▪ Identify themes such as bravery, loyalty, identity and good versus evil, and discuss how these develop through the story</li> <li>▪ Respond to unfamiliar vocabulary using context clues and discussion to clarify meaning</li> <li>▪ Participate actively in paired and whole-class discussions, building on others' ideas and expressing opinions clearly</li> <li>▪ Make connections between events in the story and wider ideas, including moral choices and character development</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <ul style="list-style-type: none"> <li>▪ Solve simple problems involving money and measurement using decimals</li> <li>▪ Explain reasoning using correct mathematical language</li> </ul>                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p><b><u>Science</u></b></p> <p><b><u>States of Matter</u></b></p> <ul style="list-style-type: none"> <li>▪ Identify and describe the three states of matter: solids, liquids and gases</li> <li>▪ Compare and group materials based on their observable properties, including hardness, shape, volume and the ability to flow</li> <li>▪ Explore how materials change state through heating and cooling, including melting, freezing, evaporation and condensation</li> <li>▪ Understand that temperature affects how quickly changes of state occur</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                            | <p><b><u>History</u></b></p> <p><b><u>Ancient Egypt</u></b></p> <ul style="list-style-type: none"> <li>▪ Place Ancient Egypt on a timeline, identifying key periods and understanding its place within early world civilisations</li> <li>▪ Use a range of historical sources to find out about everyday life in Ancient Egypt, including homes, food, jobs and leisure</li> <li>▪ Understand the role of the River Nile and explain why it was vital to farming, trade, transport and settlement</li> <li>▪ Describe how the natural environment influenced Egyptian civilisation, including flooding,</li> </ul> | <p><b><u>Geography</u></b></p> <p><b><u>Weather, water cycle and global warming</u></b></p> <ul style="list-style-type: none"> <li>▪ Identify and describe different types of weather and understand how weather can change daily and seasonally</li> <li>▪ Use weather instruments and symbols to observe, measure and record weather patterns</li> <li>▪ Understand the water cycle, identifying the processes of evaporation, condensation, precipitation and collection</li> <li>▪ Explain how temperature and weather conditions affect the water cycle</li> </ul> | <p><b><u>Art and Design</u></b></p> <p><b><u>Drawing developed into printmaking, rotating and translating images</u></b></p> <ul style="list-style-type: none"> <li>▪ Explore drawing techniques inspired by Ancient Egyptian art, focusing on line, shape, proportion and symbolism</li> <li>▪ Observe and record ideas through sketching, using visual references from Egyptian imagery and artefacts</li> <li>▪ Understand how images can be rotated and translated to create repeated patterns and designs</li> <li>▪ Experiment with developing drawn designs into printmaking, using simple tools and materials</li> </ul> |

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| <ul style="list-style-type: none"> <li>Investigate the water cycle, identifying the processes of evaporation and condensation</li> <li>Use scientific enquiry skills to ask questions, make predictions and carry out simple investigations</li> <li>Measure and record data accurately, using tables, diagrams and labelled drawings</li> <li>Draw conclusions from observations and explain findings using appropriate scientific vocabulary</li> <li>Use key terms confidently, including solid, liquid, gas, melting, freezing, evaporation, condensation</li> </ul> | <p>fertile land and climate</p> <ul style="list-style-type: none"> <li>Learn about Egyptian society, including pharaohs, social hierarchy and the roles of different groups</li> <li>Explore religious beliefs and practices, including gods, temples, mummification and beliefs about the afterlife</li> <li>Identify and explain key achievements of Ancient Egypt, such as writing (hieroglyphs), architecture and engineering</li> <li>Ask and answer historically valid questions using evidence from artefacts, images and texts</li> <li>Use historical vocabulary accurately, including civilisation, pharaoh, dynasty, artefact and afterlife</li> <li>Make comparisons between Ancient Egypt and other periods or societies studied</li> </ul> | <ul style="list-style-type: none"> <li>Describe how weather and climate can influence human activity and the natural environment</li> <li>Understand the difference between weather and climate</li> <li>Explore the causes of global warming, including human activities such as burning fossil fuels</li> <li>Identify some effects of global warming on weather patterns, sea levels and habitats</li> <li>Use maps, diagrams and geographical vocabulary accurately to explain ideas</li> <li>Ask and answer geographical questions using evidence and observations</li> </ul> | <p>(e.g. foam, card, polystyrene)</p> <ul style="list-style-type: none"> <li>Apply printmaking techniques to create repeated and patterned images, maintaining consistency and control</li> <li>Make informed choices about colour, line and layout to enhance the final print</li> <li>Use layering and repetition to create visual interest and pattern</li> <li>Review and refine work throughout the process, responding to feedback and improving outcomes</li> <li>Use appropriate art vocabulary such as print, pattern, rotate, translate, motif and design</li> <li>Evaluate own and others' work, identifying links to Ancient Egyptian art and explaining artistic choices</li> </ul> |
| <p><b><u>Computing</u></b></p> <p><u>Writing for different audiences</u></p> <ul style="list-style-type: none"> <li>Understand that digital writing should be adapted for different purposes and audiences</li> <li>Identify key features of different text types (e.g. information texts, instructions, persuasive texts)</li> <li>Use appropriate tone, language</li> </ul>                                                                                                                                                                                            | <p><b><u>Physical Education</u></b></p> <p><u>Handball</u></p> <ul style="list-style-type: none"> <li>Develop core handball skills, including throwing, catching, dribbling and shooting with control and accuracy</li> <li>Use movement skills to create space, including dodging, changing direction and timing runs</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                        | <p><b><u>Religious Education</u></b></p> <p><b><u>(Hindu Dharma)</u></b></p> <p><u>What might a Hindu learn from celebrating Diwali?</u></p> <ul style="list-style-type: none"> <li>Understand that Diwali is an important Hindu festival and identify when and why it is</li> </ul>                                                                                                                                                                                                                                                                                               | <p><b><u>PHSE</u></b></p> <p><u>Valuing Difference</u></p> <ul style="list-style-type: none"> <li>Recognise that everyone is unique and that differences should be respected and valued</li> <li>Understand that people may differ in appearance, beliefs, abilities, culture and family life</li> <li>Identify stereotypes and explain</li> </ul>                                                                                                                                                                                                                                                                                                                                               |

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| <p>and layout depending on the intended audience</p> <ul style="list-style-type: none"> <li>Plan and create digital written content using suitable tools within Purple Mash</li> <li>Edit and improve work by checking spelling, grammar and clarity</li> <li>Use formatting tools (e.g. headings, fonts, images) to enhance presentation and readability</li> <li>Evaluate written work against success criteria, suggesting improvements</li> </ul> <p><u>Hardware Investigators</u></p> <ul style="list-style-type: none"> <li>Identify common computer hardware and understand their functions (e.g. input, output and storage devices)</li> <li>Explore how different hardware components work together within a computer system</li> <li>Compare different types of hardware and explain their uses</li> <li>Understand that technology choices can affect how devices perform tasks</li> <li>Use correct technical vocabulary such as hardware, input, output, processor and memory</li> <li>Work collaboratively to investigate and record findings</li> </ul> | <ul style="list-style-type: none"> <li>Understand and apply basic handball rules, including passing, footwork and scoring</li> <li>Begin to use simple attacking and defending tactics, such as marking, intercepting and supporting teammates</li> <li>Make decisions about when to pass, move or shoot during game play</li> <li>Communicate effectively with teammates to support successful play</li> <li>Demonstrate teamwork, fair play and respect for others during competitive activities</li> </ul> <p><u>OAA</u></p> <ul style="list-style-type: none"> <li>Work collaboratively to solve physical and problem-solving challenges</li> <li>Follow instructions and apply strategies to complete team tasks successfully</li> <li>Develop communication skills, including listening, explaining ideas and encouraging others</li> <li>Use map-reading and simple navigation skills where appropriate</li> <li>Show perseverance, resilience and cooperation when faced with challenge</li> </ul> | <p>celebrated</p> <ul style="list-style-type: none"> <li>Explore key stories associated with Diwali (e.g. Rama and Sita, Lakshmi) and explain the messages they convey</li> <li>Identify how Diwali is celebrated in different ways, including lights, prayers, family gatherings and acts of generosity</li> <li>Understand key Hindu values highlighted during Diwali, such as good over evil, hope, renewal and light overcoming darkness</li> <li>Explain how symbols used at Diwali (e.g. lamps, rangoli, fireworks) express beliefs and values</li> <li>Describe how celebrating Diwali may influence a Hindu's actions, attitudes and choices in everyday life</li> <li>Use appropriate religious vocabulary accurately, including Diwali, puja, Lakshmi and Dharma</li> <li>Ask and respond to thoughtful questions about the meaning and importance of Diwali</li> <li>Reflect on similarities and differences between Diwali and celebrations from other religions or pupils' own experiences, showing respect for different</li> </ul> | <p>why they can be unfair or harmful</p> <ul style="list-style-type: none"> <li>Develop empathy by considering how others may feel in different situations</li> <li>Understand the impact of unkind behaviour, including teasing, bullying and discrimination</li> <li>Learn strategies for standing up for themselves and others in a safe and respectful way</li> <li>Explore how inclusive behaviour helps everyone feel valued and belong</li> <li>Practise respectful communication, including listening to different viewpoints</li> <li>Recognise when and how to seek help if they or others feel excluded or treated unfairly</li> </ul> |
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| <p><b><u>MFL- French</u></b></p> <p><u>Items from Daily Life (Clothes)</u></p> <ul style="list-style-type: none"> <li>▪ Listen attentively to spoken French and recognize vocabulary for common items of clothing</li> <li>▪ Pronounce clothing words accurately, recognizing familiar sounds and patterns in French</li> <li>▪ Ask and answer simple questions about clothing choices (e.g. Qu'est-ce que tu portes?)</li> <li>▪ Use adjectives to describe clothing, including colour and size, with support</li> <li>▪ Read and match written clothing words and short phrases to images</li> <li>▪ Write simple words and short phrases to describe what someone is wearing, using modelled language</li> <li>▪ Join in with songs, games and role play to build confidence and fluency</li> </ul> <p><u>Learning Together (Subjects and School)</u></p> <ul style="list-style-type: none"> <li>▪ Recognize and say vocabulary for</li> </ul> | <p><b><u>Music</u></b></p> <p><u>The Doot Doot Song</u></p> <ul style="list-style-type: none"> <li>▪ Learn to sing the song confidently, maintaining a steady pulse and accurate pitch</li> <li>▪ Perform with clear diction and control, responding to changes in tempo and dynamics</li> <li>▪ Identify and describe key musical elements within the song, including rhythm, melody and structure</li> <li>▪ Use voices and classroom instruments to perform simple rhythmic and melodic patterns linked to the song</li> <li>▪ Explore call-and-response and layering to build musical texture</li> <li>▪ Improvise short rhythmic or melodic ideas inspired by the song</li> <li>▪ Compose a short group piece using repeated patterns and simple structures</li> <li>▪ Listen attentively to performances and recordings, identifying strengths and areas for</li> </ul> |         |  |

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| <p>common school subjects in French</p> <ul style="list-style-type: none"> <li>▪ Ask and answer simple questions about school subjects and preferences (e.g. Quelle est ta matière préférée?)</li> <li>▪ Understand and respond to simple spoken phrases related to school routines and lessons</li> <li>▪ Read short written phrases about school subjects and activities</li> <li>▪ Write simple sentences expressing likes and dislikes using familiar vocabulary and sentence starters</li> <li>▪ Develop confidence in speaking as part of a group through paired and whole-class activities</li> <li>▪ Begin to make simple comparisons between school life in England and France</li> </ul> | <p>improvement</p> <ul style="list-style-type: none"> <li>▪ Use appropriate musical vocabulary when discussing and evaluating music</li> <li>▪ Perform as part of an ensemble, showing awareness of others through listening and responding</li> </ul> |  |  |
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