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| **Science**  Properties of materials  This unit ‘Properties of materials’ takes children through six lessons where they learn how to: compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets; know that some materials will dissolve in liquid to form a solution, use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating; and finally, they learn how to give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. | **English**  Beowulf by Michael Morpurgo  This unit covers collaborative conversations, identifying and discussing themes and conventions, draw inferences justified with evidence, identify how language structure and presentation contribute to meaning, identify the audience and purpose for writing, enhance meaning through grammar and vocabulary and edit grammar, punctuation and vocabulary to enhance effects and clarify meaning. | **RE**  Islam  This unit enables pupils to explore and examine the origins and role of the Qur’an as a source of wisdom and authority for Muslims. They should gain an understanding of the importance of revelation within Islam and how this impacts on the way that the Qur’an is viewed and treated. Pupils should make links with prior learning about the night of power (Laylat Ul-Qadr), not only knowing what happened, but also why it is important for Muslims and how it is remembered. They should develop knowledge and understanding of the Prophet Muhammad (Pbuh) and how/why he is a role model and source of guidance for Muslims. This is an opportunity to pull together prior learning about the life of the Prophet. Pupils should have opportunities to discuss what is meant as ‘Ultimate Authority’ and should recognise how this may differ for different members of society – including religious and non-religious individuals and communities. They should be able to link this with their learning about the Qur’an as the word of God and ultimate source of authority for Muslims. |
| **Computing**  Each term, children will learn and refresh their knowledge about how to keep themselves and their friends safe online.  Computing systems and networks: Search Engines  This unit covers  Iterate ideas, testing and changing throughout the lesson.  Explain what the basic commands do.  Explain how their program links to the theme.  Include a loop in their work. Correct their own simple mistakes.  Explain their scene in the story. Link musical concepts to their scene. Include a repeat and explain its function to enhance music.  Code a piece of music that combines a variety of structures. Use loops in their programming.  Recognise that programming music is a way to apply their skills | Parklee Community Primary School  Curriculum Overview  **Autumn Term 2 – 2024**  Turquoise Class Year 5&6 | **Geography**  The Water Cycle  (This unit of learning is split over the full Autumn Term)  Geographical skills: Locational knowledge; Place knowledge; Human & physical geography; Geographical Skills and Fieldwork.  In this unit we explore:   * Different bodies of water * The Water Cycle * How clouds and rain are made * What changing state means * How we treat water * Why we need water * Water pollution * water-scarce countries * Hydropower |
| **PE**  Badminton with Manchester United  This unit focusses on hand-eye coordination, racket skills, demonstrate a forehand and backhand shot, rallying, tactical play i.e. hitting the shuttlecock away from their opponent, to participate in a match and apply their skills and tactics.  Dance - Food, Glorious Food  This unit focusses on creating a dance based on action words, develop a routine as part of a group, develop counter-balances, make suggestions to others for improvement. | **Maths**  Fractions  This unit focusses on equivalent fractions, simplifying, mixed numbers, comparing fractions, ordering fractions, adding and subtracting fractions, adding and subtracting mixed numbers and multi-step problems.  Multiplication and Division B  This unit focuses on multiplying up to a 4-digit number by a 2-digit number; short division, long division and solving problems. | **PSHE**  Celebrating Difference  This unit covers:   * Different perceptions of what people think being ‘normal’ means * What it might be like to be different * Power and controlling behaviour * Different types of bullying * People with disabilities |
| **Music**  Blues  ● Name three key features of blues music. ●Sing in tune, using vocal expression to convey meaning. ●Explain what a chord is and play the chord of C sixteen times. ●Play the 12-bar blues correctly. ● Play the notes of the blues scale in the correct order, ascending and descending. ● Play a selection of blues scale notes out of order in their own improvisation. | **DT**  Textiles & Stuffed Toys  Design a stuffed toy, considering the main component shapes of their toy.  Create an appropriate template for their stuffed toy.  Join two pieces of fabric using a blanket stitch.  Neatly cut out their fabric.  Use appliqué or decorative stitching to decorate the front of their stuffed toy.  Use blanket stitch to assemble their stuffed toy, repairing when needed.  Identify what worked well and areas for improvement. |