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| **Wings, Wheels and Waves – Summer Term 1 2025** | | |
| **KS1** | **Lower KS2** | **Upper KS2** |
| **Science**   * Exploration of floating and sinking   Opportunities for working scientifically:  -Practical investigation into which materials sink and which float.  -Exploring how some heavy materials can float if we change their shape.  -Predicting how many marbles it will take to sink a ‘ship’  Strands covered: Comparing and grouping together everyday materials on the basis of their simple properties making predictions and using simple tests to suggest answers to questions | **Geography**   * A study of a region in a European Country | **Science**   * Gravity – understand that unsupported objects fall towards earth * Air resistance, water resistance and friction * Mechanisms, including levers, pulley and gears   Opportunities for working scientifically:  -Exploring falling paper cones, or cup-cake cases, and designing and making a variety of parachutes and carrying out fair tests to determine which designs are the most effective.  -Explore resistance in water by making and testing boats of different shapes.  -Investigating the best surface for a bike due to how friction impacts on the speed and effort required  -Design and make products that use levers, pulleys, gears and/or springs and explore their effects. |
| **History**   * Key moments in transport history (EG first flight, Titanic) | **History**   * A study of how transport has changed in British history since 1066 | **Geography**   * Economic activity including trade links and distribution of natural resources. * Time zones * Using and understanding geographical terms for places (the Tropics, Arctic circle, Antarctic circle,etc) |
| **Design Technology**  Mechanisms   * Using wheels and axles | **Design Technology**  Electrical systems   * Using simple circuits and switches | **Design Technology**  Electrical systems   * Using more complex circuits and switches |
| **MUSIC**  Year 1 – High and low – exploring pitch  Year 2 – Patterns with pitch – exploring pitch and melody | **MUSIC**  Year 3 – Sing, play, notate  Year 4 – Melody Builders – exploring melodies and song structures | **MUSIC**  Year 5 – Song ingredients – Exploring melody, harmony and lyrics  Year 6 – Celebrating songs |
| **RSE & PSHE**   * Economic wellbeing | **RSE & PSHE**   * Economic wellbeing | **RSE & PSHE**   * Economic wellbeing |
| **PE**  Games | **PE**  Games | **PE**  Games |
| **Computing**   * Y1 – Unit 5 DB Primary * Y2 – Unit 11 DB Primary | **Computing**   * Y3 – Unit 17 DB Primary * Y4 – Unit 23 DB Primary | **Computing**   * Y5 – Unit 29 DB Primary * Y6 – Unit 35 DB Primary |
| **MFL** | **MFL** | **MFL** |