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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)
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| **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
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| **MUSIC**Year 1 – High and low – exploring pitchYear 2 – Patterns with pitch – exploring pitch and melody | **MUSIC**Year 3 – Sing, play, notateYear 4 – Melody Builders – exploring melodies and song structures | **MUSIC**Year 5 – Song ingredients – Exploring melody, harmony and lyricsYear 6 – Celebrating songs |
| **RSE & PSHE*** Economic wellbeing
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| **PE**GamesYear 1 - Unit 3 Bat and ball skills and gamesYear 2 – Unit 3 - Dribbling, kicking and hitting | **PE**GamesYear 3 – Unit 1 Bat skills – passing and receivingYear 4 - Unit 3 Invasion games | **PE**GamesYear 5 - Unit 2 Striking and fielding gamesYear 6 - Unit 1 invasion (implementing and kicking) hockey and football |
| **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
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|  | **MFL** | **MFL** |