

**Summer Term Year:** Year 2-3 DJ and Year 3 AB/JE

**Unit of Learning:** How do things move?

**Overview:** This unit will have a focus on the Science & Technology AoLE. Our learning will centre around the question "*How do things move?*", encouraging pupils to explore the relationship between forces, design, and energy. Through hands-on investigations and design challenges, pupils will develop their understanding of how pushes, pulls, gravity, friction, and air resistance affect movement. They will apply design thinking to create and test their own vehicles, considering how changes in shape and materials impact performance. Pupils will also explore how energy—both natural and fuel-based—can power movement, including an introduction to renewable energy. This unit will support pupils in developing curiosity, problem-solving, and creativity while deepening their understanding of cause and effect in the world around them.

**Languages, Literacy & Communication**

Reading: We will be exploring a range of information texts examining how things work.

Oracy: Describing design ideas. Working collaboratively to discuss ideas. Using talk for planning with inventions.

Making verbal observations using scientific vocabulary.

Writing: Writing explanation texts. Writing up scientific investigations using subject specific vocabulary.

**Mathematics & Numeracy**

Measure: We will explore measurement through hands-on investigations linked to vehicle design, such as timing races, measuring distances, and comparing mass and capacity of different materials.

Money: We will continue working with money, adding notes and coins, and learning to find change.

Fractions: We will continue our work on fractions learning to add and subtract them and finding fractions of amounts.

**Ways to help at home**

Encourage model making, LEGO play, etc. to enable your child to engage with designing and making.

Encourage daily reading for pleasure.

**Important Dates**

w/c 19th May - Assessment Week

12th June - Marvellous Men

25th June - Sports Day (am)

*Nature-based Learning every Wednesday - please remember to send your child in with a hat and wearing sun cream at this time of year.*