

### *Geography*

**Exploring Brazil** – Developing map skills through locating and studying different regions of Brazil; an in-depth look at the Amazon rainforest and the contrasting natural landscapes of the Pantanal as a physical geography study; for human geography, looking at how urbanisation is affecting the country, identifying the push and pull factors between village and city; investigating the tourist attractions of Rio de Janeiro and aspects of Brazilian culture.

**Climate change** – Linking to Literacy and Science in studying how climate change is affecting the Arctic and the Antarctic.

### *Science*

**Changing Sound** – How sounds are created when materials vibrate; how sounds travel and how the pitch and volume of sounds from different sources can be changed.

**Living in environments** – Becoming more familiar with plants and animals in the local environment; considering why and how organisms live in different habitats; and weighing up the impact, both positive and negative, that humans can have on environments.

**Classification** - Learning how to identify a range of British plants and animals using classification keys; looking at the work of Linnaeus and how different species of organisms that are closely related can be identified.

### *Art / Design and Technology*

**Architecture** – Learning about the work of architect, Zaha Hadid; drawing houses from observation; researching the artist, Hundertwasser, and exploring symbolism, before designing a monument to convey meaning.

**Motorised Products** – Investigating electrical systems, analysing products that use motors; children will deconstruct a product, then redesign and build it, creating a DIY kit of instructions.

### *Maths*

- \*Number and place value.
- \*The four operations – Addition, Subtraction, Multiplication and Division.
- \*Developing speed and security in X tables.
- \*A focus on reasoning skills.

### *Computing*

**Systems and Networks communication** – Learning how data is transferred over the internet; thinking how to communicate responsibly by considering what should and should not be shared on the internet.

**Creating Media** – Using a computer to produce 3D models.

## Dragonfly Class Autumn 2022



### *PE*

- \*An external coach from South Coast Sports, developing physical skills on Tuesday mornings. Year 4 will have a separate session, covering rugby and golf this term, while Year 5/6 will be doing rugby and a number of para sports, such as sitting volleyball.
- \*Swimming on Monday afternoons for half a term.
- \*Forest School sessions for Year 4 and Year 5/6 separately.

### *Music*

**Film music** – Identifying the characteristics of soundtracks before creating a composition and graphic score to perform alongside a film.

**Ancient Egypt** – Using the pitch / rhythm of written notes to experiment with composition notation.

### *Literacy and Language*

- \*Class Reading book – Boy – Tales of his childhood by Roald Dahl.
- \* **Biographies and Autobiographies** – Writing biographies for heroes of black history.
- \* **Non-chronological reports** – Documenting how climate change is affecting the Arctic and Antarctic.
- \* **French**- Developing conversation with simple questions and answers. Year 4/5 vocabulary covers the parts of the body and Year 5/6 the rooms of the house, upstairs and downstairs.