

**Geography:** Using maps: their features; 4 and 6 figure grid references, ocean currents and introduction to biomes and climate zones.

### Maths

We will be learning about:

**Multiplication and Division** – Multiples, factors prime, squared and cubed numbers and multiplying and dividing by 10,100 and 1,000.

**Fractions** – understanding equivalent, unit, mixed-number and improper fractions; comparing and ordering fractions less than 1; and adding and subtracting different types of fractions.

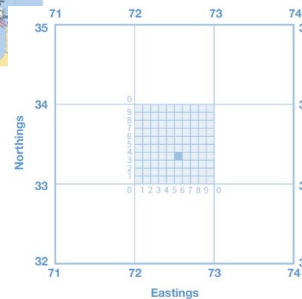
### PE

We will be learning competitive games including: TAG rugby and using the REAL PE scheme of work to focus on dynamic and counter balance.

### Science

Our science topic is: Movement, forces and magnets. This will include:

- Describe magnets as having two poles.
- Predict whether two magnets will attract or repel each other, depending on which poles are facing.
- Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the earth and the falling object.
- Identify the effect of drag forces such as air resistance, water resistance and friction that act between moving surfaces.
- Describe, in terms of drag forces, why moving objects that are not driven tend to slow.



**Year 5**

**Autumn 2 - Foxes**

**RE:** We will be focussing on and discussing the question: If God is everywhere, why go to a place of worship?

### PSHE

We will be looking at: Bullying matters.

### Spanish

We will be focussing on the topic: ice cream.

### English

In English we will first be focussing on a non-fiction discussion text about whether or not children should be allowed to own pets.

Our grammar focus will be: present tense, conditionals, generalisers, complex sentences and different types of connectives (adding, causal and contradicting).

We will also be creating some Remembrance poetry.

### Music

We will be finishing our work on composition notation with an Ancient Egyptian theme.

### IT

Our topic will be: computing systems and networks, with a focus on search engines. This will include: searching basics, inaccurate information and web quest.

### DT

Our topic is Frame structures. We will be studying what frame structures are, looking at past and current examples of frame structures and practising finger fluency skills to help us build our own tetrahedron kites.