

Summer 1. Vehicle Text is Fox D&T focus.

**Design and technology skills and content**  
**Design, make and evaluate [all objectives]**

**Technical knowledge and understanding:**

- understand and use mechanical systems in their products - levers and linkages [to make a story book with moving parts]

**Science skills and content**

**Animals including humans (Biology)**

- identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat
- identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Wilhelm Conrad Rontgen - discovered X-rays

**Cross curricular links**

**Maths**

Right angles and measures  
 Numbers

**Local area / environmental issues / Co Jo**

Co Jo – Ed Stafford

**Field study / trip**

Music event – eg Orchestra/concert

**Links to cultural Capital / British values / PSHE**

Archimedes - first lever

KiVa 8-9

**SRE Valuing difference and keeping safe**

**BV - Individual liberty and tolerance of those of different faiths and beliefs**

**Classic text**

Rudyard Kipling's Just So Stories

**Other subjects**

**Computing:** simulations, Internet legends 1

**RE:** Bud-Why is the concept of god not important?

**PE:** athletics (WB)

**PSHE:** Living in the wider world

**MFL:** Hungry giant, map explorers, picnic

**Music:** reflect, rewind, replay

**Art and design skills and content**

- to create sketch books to record their observations and use them to review and revisit ideas
- to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- about great artists, architects and designers in history including: Kandinski, F Stella, Matisse, A Calder and C Close.

**Geography skills and content**

**Map**

- name and locate cities of the United Kingdom, identifying key topographical features (including hills, mountains, coasts and rivers)
- use maps, atlases, globes and digital mapping to locate countries and describe features studied.
- Know and use 2 figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom on a simple map.

**Science skills and content.**

**Forces and magnets (Physics)**

- compare how things move on different surfaces
- notice that some forces need contact between two objects, but magnetic forces can act at a distance
- observe how magnets attract or repel each other and attract some materials and not others
- compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- describe magnets as having two poles
- predict whether two magnets will attract or repel each other, depending on which poles are facing.

Michael Faraday – electromagnetic induction

**Cross curricular links**

Maths  
Coordinates  
Art  
Anthony Gormley

**Local area / environmental issues/ Co Jo**  
Co Jo – Ed Stafford

**Field study / trip**

**Links to cultural Capital / British values / PSHE**

Anthony Gormley: Look at different examples of his work and where they can be found- location on map, compass points. (Link to Geog obj)  
[KiVa 10](#) and [KiVa questionnaire](#)  
[Bk Beegu-to be welcoming, so no outsiders](#)

**Classic text**

The Iron Man  
The Tin Soldier  
The Wild Robot

**Other subjects**

**Computing:** graphing  
**RE:** Islam- Why is Mohammed important to Muslims?  
**PE:** rounders (WB)  
**PSHE:** Living in the wider world  
**MFL:** N/A  
**Music:** perform 3 Little birds