



The Rise of the Robots

Australasia (Year 3)

Summer Term 1

Rationale for learning

This half term's learning focuses initially on the wonderful story, 'The Invention of Hugo Cabret'. This rich text provides a wide range of learning opportunities in Literacy and Science. We will be learning about the role of robots in the modern world we live in and discuss whether or not we need to limit their role in the future.

Suggested activities for parents to help support learning

- ◇ Practise telling the time using analogue and digital clocks.
- ◇ Practise 2, 3, 4, 5 and 8 times tables
- ◇ Keep up-to-date with modern day inventions by listening to the news and re-searching on the internet.
- ◇ Go and visit the Electricity Hall at Amberley Working Museum or the Science museum in London to find out more about electricity and technology can be made.
- ◇ Discuss which modern day machines you rely upon in your everyday routine.
- ◇ Learn a favourite poem by heart to share in class.

Key Vocabulary : Robot, automaton, circuit, invention, Hugo Cabret, France, clockwork, mechanism, station, cogs, wheels, springs, parallel, perpendicular, angle,

Reminders

PE

Sessions are scheduled for Wednesday and Friday

Please ensure your child has full PE kit in school everyday.

Home learning

The home learning in year 3 consists of:

- One piece of Maths & Literacy homework per week,
- At least two activity chosen from the home learning grid.

Please bring back every Wednesday to allow the class teachers to check progress.

Home reading charts

Please continue to read with your children at home... certificates will be awarded in assemblies. Reading raffle tickets will be given out each week on Monday for the Friday draw (for children who have read 5 times or more at home during the week).

Inspire, Believe, Achieve

The Rise of the Robots Study Unit Overview

Mathematics

Addition and Subtraction — learn and practise the expanded methods.

Fractions: add fractions with the same denominator; draw diagrams showing equivalent fractions; solve fraction problems

Geometry—know what an angle is; identify right angles; identify parallel and perpendicular lines.



Art—Sketching

Use different hardnesses of pencil to show line, tone and texture. Use shading to show light and shadow.

Use hatching and cross-hatching to show tone and texture.



History and Geography

Mapwork; locating Europe and France in relation to the UK.

Recognise that Paris is the capital of France. Important inventions over time.



PSHCE

Take the lead, prioritise actions and work independently and collaboratively towards goals. Listen to, reflect on and respect other people's views and feelings while negotiating and presenting their own views.



English

Key text: The Invention of Hugo Cabret.

Letter writing maintaining a viewpoint. Diary entry in character.

Eye-witness statements.

Role play and freeze-frames.

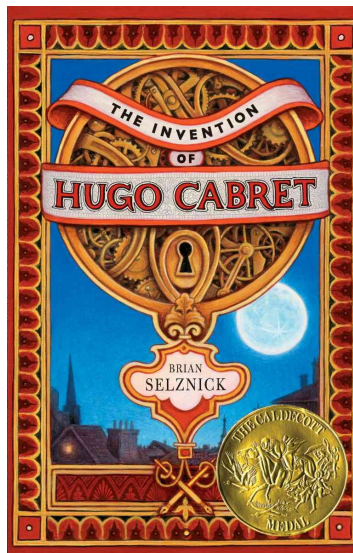
Emotive writing.

Debate: how much should we let robots control our lives?



Computing—Flowal

Understanding flowcharts. Programming different mimics to follow a series of instructions.



PE— Gym, Athletics, Striking and Fielding Games

Gymnastics.

Running over a range of distances.

Different types of jumping.

Throwing, catching and striking a range of balls.

Working collaboratively as part of a team.

Science—Plants

Identify and describe the functions of different parts of flowering plants.

Explore the requirements of plants for life and growth and how they vary from plant to plant. Investigate the way in which water is transported within plants.

Explore pollination, seed formation and seed dispersal.



R.E

Hinduism and other religions.



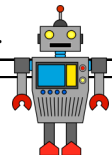
Music

Play a tuned instrument - Recorders.

Design Technology

Make a circuit and experiment using electricity.

Design and make a robot.



French

Forming simple sentences using adverbial phrase, conjunctions, verbs, and nouns. Landmarks of Paris.

Outdoor Learning

Growing seeds.