



Year 5 Curriculum Map: Autumn 1

ENGLISH

Runaway Robot – Frank Cottrell Boyce

- Continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks.
- Predict what might happen in a book from details stated and implied.
- Identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own.
- Use relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun.

MATHS

Place Vale, Addition and Subtraction, Statistics

- Place value to 1,000,000.
- Rounding, ordering and comparing numbers.
- Negative numbers.
- Roman numerals to 1,000 (M).
- Adding and subtracting whole numbers with more than 4 digits using a formal method.
- Identifying factors, multiples and prime numbers.
- Multiply a 4-digit number by a 2-digit number.
- Divide a 4-digit number by a 1-digit number.

SCIENCE

Living things and their habitats

- Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- Describe the life process of reproduction in some plants and animals.
- Observe and compare the life cycles of animals in the local environment with other animals around the world.
- Explore ideas and raise different kinds of questions.
- Record data and results of increasing complexity using scientific diagrams and labels.

Geography

Local Geography Map Reading skills

- Use a variety of forms of data collection accurately including sketch maps and digital technologies.
- Use symbols and keys on maps including digital / computer and Ordnance Survey maps to identify features and describe places.
- Use four-figure grid references to specify position on maps of different scales including Ordnance Survey maps.



Year 5 Curriculum Map:

Autumn 1

MUSIC

Theme: Ancient Egypt

- Composing a detailed piece of music from a given stimulus with voices, bodies and instruments.
- To understand that a minor key (pitch) can be used to make music sound sad.
- To understand that major chords create a bright, happy sound.

COMPUTING

Coding and E-safety

- E-Safety.
- Can create more complex real-life problems into algorithms using familiar and new softwares.
- Can independently identify when to test programs for effective debugging.

FRENCH

French

- Follow the text of a familiar song or story that is read aloud.
- Read and understand complex sentences e.g. noun, adjective, verb.
- Ask and answer a variety of familiar questions.

DT

Mechanisms

- Use research to inform the design of innovative, functional, appealing product.
- Understand that mechanical systems have an input, process and output.
- Select appropriate materials, tools and techniques e.g. cutting, shaping, joining and finishing, accurately.

PE

- Dance
- Handball
- Team Games.

PE will be on a Wednesday afternoon.

PSHE

Being Me in My World

- Use strategies to regulate their emotions.
- Be able to identify what they value most about school.
- Show empathy for people whose lives are different from their own.
- Be able to work as part of a group, listening and contributing effectively.

RE

What helps Hindus to worship?

- Explore, gather, select and organise ideas about religions or beliefs.
- Investigate and describe similarities and differences within and between religions and beliefs.

Key Vocabulary

<u>Maths</u>
place value
million
multiply
factor
multiple
prime
divide

<u>English</u>
relative clause
tense
figurative language
predict
comparison
inference
comprehend

<u>Science</u>
reproduction
pollination
cell
fertilisation
germination
egg
growth

<u>Topic</u>
Ordnance Survey
grid reference
trade
economic
Staines
evaluate
critique