



Year 5 Curriculum Map: Autumn 1

ENGLISH

Runaway Robot – Frank Cottrell Boyce

- Adverbial phrases
- Using a range of sentence openers
- Figurative language including similes, metaphors and personification
- Increasing familiarity with a wide range of books
- Making comparisons within and across books
- Predicting what might happen from details stated and implied.

MATHS

- 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
- The work of naturalists.

Geography

Local Geography Map Reading skills

- Ordnance Survey maps
- Planning a route
- Economic and trade developments
- Developments due to technology.



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MUSIC

Theme: Glockenspiels

- Understanding metre and rhythm
- Composing using ostinato
- Rehearsing and performing.

COMPUTING

Coding and E-safety

- E-Safety
- Creating and testing simulations
- Exploring different types of variables.

FRENCH

French

- Greetings
- Family – describing siblings
- Personal information around likes and dislikes.

DT

Mechanisms

- Use research to inform the design of innovative, functional, appealing product
- Understand that mechanical systems have an input, process and output.

PE

- Netball
- Tag Rugby
- Athletics.

PE will be on a Wednesday afternoon.

PSHE

Being Me in My World

- Creating a class learning charter
- Understanding rights and responsibilities
- How to work effectively with those around me.

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>
adverbial
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