



# Half Term Overview



Spring 1

## Sycamore Class

### English

#### The Explorer by Katherine Rundell

This half term we will be writing a balanced argument and a non-chronological report.

This is the grammar we will be focussing on:

Ambitious adjectives and adverbs

Figurative language (personification, metaphor, simile)

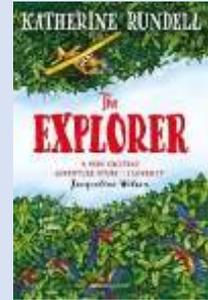
Conjunctions

Relative clause

Modal verbs

Fronted adverbials

Brackets to indicate parenthesis



### Maths

#### Multiplication and Division

Step 1 Multiply up to a 4-digit number by a 1-digit number

Step 2 Multiply a 2-digit number by a 2-digit number (area model)

Step 3 Multiply a 2-digit number by a 2-digit number

Step 4 Multiply a 3-digit number by a 2-digit number

Step 5 Multiply a 4-digit number by a 2-digit number

Step 6 Solve problems with multiplication

Step 7 Short division

Step 8 Divide a 4-digit number by a 1-digit number

Step 9 Divide with remainders

Step 10 Efficient division

Step 11 Solve problems with multiplication and division

#### Fractions B

Step 1 Multiply a unit fraction by an integer

Step 2 Multiply a non-unit fraction by an integer

Step 3 Multiply a mixed number by an integer

Step 4 Calculate a fraction of a quantity

Step 5 Fraction of an amount

Step 6 Find the whole

Step 7 Use fractions as operators

### Religious Education

Compare Matthew and Luke's description of the new law

Express a point of view about Jesus' great commandment as a rule for life

Describe in detail what the disciples see at the Transfiguration

Understand the importance of Moses and Elijah

Imagine how Peter, James and John felt

Become familiar with the words of the Our Father

Identify the seven petitions of the Our Father and their meaning for Christians

Recognise what Jesus tells his followers about a blessed life

Make simple links between the Beatitudes and the Ten Commandments

Recognise that Jesus offers a different kind of life for Christians

Explore the idea of an 'inner life'  
Consider what it might mean to be 'poor in spirit'  
Understand why Jesus would promote being poor  
Explore how Jesus points to the heart of the law in the Sermon on the Mount  
Retell the parable of the Good Samaritan  
Make links between the parable and the life that Jesus offers  
Know the theological virtues  
Show understanding of how the virtue of hope links with Jesus' teaching on the Beatitudes  
Reflect on the mystery of the Transfiguration  
Explore artistic representations of the Transfiguration  
Reflect on the meaning of the new law in your own life  
Reflect on how a community could be transformed if people loved their neighbour as themselves

## **Science**

Describe the difference in the life cycles of a mammal (kangaroo)  
Describe the difference in the life cycles of an amphibian (salamander)  
Describe the difference in the life cycles of an insect (ladybird)  
Describe the difference in the life cycles of a bird (owl)  
Describe the life processes of reproduction in some plants and animals; metamorphosis (butterfly and frog)

## **History**

Consider the social history of the ancient Greeks, including:  
The influence of Alexander the Great  
Literature, Philosophers, alphabet  
Government, Politics, Democracy  
Sport and Olympics  
Architecture

## **DT**

Generate, as a group, one viable idea after discussion  
Cut materials accurately and safely by selecting appropriate tools  
Assemble a simple cam mechanism as part of the design  
Use tools with some accuracy and finish their automata animal in a design that they have prepared with some assistance  
Use design criteria to evaluate what they did well on their product

## **PSHE**

Understand what is safe to share online and what to do before sending a message.  
Identify possible dangers online, suggesting ways to stay safe, using the web to research relevant information.  
Accurately name all the relevant parts of the body.  
Understand the changes their own gender will go through during puberty.  
List the range of changes they will go through during puberty.  
Assess a casualty's condition; calmly, comfort and reassure a casualty who is bleeding; and seek medical help if required.  
Understand that other people can influence our decisions but we have the right to make our own choices.

## **Music**

BBC tens pieces Mars by Gustav Holst  
Listen and reflect on a piece of orchestral music  
Learn musical motifs from Holst's Mars and structure them into a piece  
Invent their own musical motifs and structure them into a piece  
Perform as an ensemble  
Learn musical language appropriate to the task

## **PE**

This half term we will be covering tennis and golf.

Tennis will look at the use of forehand and backhand shots increasingly well in games. Children will begin to understand the need for tactics and will start to choose and use some effectively.

Children will also look at techniques used in golf.