

## Science

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.

## Geography

Identify and describe the geographical significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, and time zones (including day and night).  
Identify and describe how the physical features affect the human activity within a location.  
Physical geography, including: mountains, volcanoes and earthquakes.  
Human geography, including: settlements, land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals, and water supplies.  
Create maps of locations identifying patterns (such as: land use, climate zones, population densities, height of land, danger zones).  
Collect and analyse statistics and other information in order to draw clear conclusions about locations.

## French

Moi and mon école: Ask/tell time with minutes using analogue. The names of some school subjects  
Link a school subject with a time and/or a day  
Incorporate previously learnt language.  
Read and understand the main points and some of the detail in short written texts.  
Write short texts on familiar topics.  
Use knowledge of grammar to enhance or change the meaning of phrases.  
Give a prepared short talk that includes opinions

## RE—Judaism

Explain how some teachings and beliefs are shared between religions Explain how religious beliefs shape the lives of individuals and communities .  
Explain the practices and lifestyles involved in belonging to a faith community Compare and contrast the lifestyles of different faith groups.  
Explain some of the different ways that individuals show their beliefs.  
Recognise and express feelings about their own identities. Relate these to religious beliefs or teachings.  
Explain why different religious communities or individuals may have a different view of what is right and wrong.

## PE

Outdoor PE—Invasion games/ Netball  
Indoor PE—Gymnastics.



## Year 5- Autumn 1 Extreme Earth

## Literacy

Traditional tale/Legend —Robin Hood.  
Reflect on the main character of the legend from different viewpoints.  
Produce a non-fiction explanation focusing on clarity and impersonal style.

## Computing

Build a retro game.  
Digital Literacy and Online Safety.

## PSHCE

Health and Wellbeing- Healthy Lifestyles, Growing and Changing, Keeping Safe.

## Maths

Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit.  
Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000.  
Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero.  
Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000.  
Solve number problems and practical problems that involve all of the above.  
Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.  
Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).  
Add and subtract numbers mentally with increasingly large numbers  
Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.  
Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.  
Solve comparison, sum and difference problems using information presented in a line graph.  
Complete, read and interpret information in tables, including timetables.

## Music

Livin' on a Prayer—Describe and appraise music using a wide range of musical vocabulary. Describe how lyrics have a cultural context and social meaning. Perform solos or as part of an ensemble with confidence. Sing a harmony part confidently and accurately. Create rhythmic patterns with an awareness of timbre and duration. Use digital technologies to compose, edit and refine pieces of music.