

### English

Reading: To read books that are structured in different ways and reading for a range of purposes.

To identifying and discuss themes and conventions in and across a wide range of writing.

Writing: To identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing.

### Science

To understand reproduction in humans (as an example of a mammal).

To understand heredity as the process by which genetic information is transmitted from one generation to the next.

To understand differences between species.

### ICT

Pupils will be learning about e-safety. To know what information they can or should share and with what people.

To know how to keep their information secure using passwords.

To know who to speak to if they have concerns about things that have happened online.

### Music

Pupils will listen with increasing discrimination to a wide range of music from great composers and musicians.

Pupils will learn about the history of the music they listen to and perform.

### Religious Education

Pupils will be learning about the roots of religion and how they are linked.

## Mercury Topic Web Genetics and Evolution



### Geography

Pupils will be learning about the geography of Russia to build on their knowledge of globes, maps and atlases and apply and develop this knowledge routinely in the classroom and in the field.

### Maths

To round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 and 153: Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy

To identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers

To solve problems involving converting between units of time

To draw given angles, and measure them in degrees

To measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres

To add and subtract fractions with the same denominator and denominators that are multiples of the same number

To add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate

To recall multiplication and division facts for multiplication tables up to  $12 \times 12$

To read, write and convert time between analogue and digital 12- and 24-hour clocks

To describe positions on a 2-D grid as coordinates.

### Art and DT

To use a range of techniques and media and increase their proficiency in the handling of different materials by learning about drawing, painting and enlarging.

### Physical Education

To use a range of tactics and strategies to overcome opponents in direct competition through team and individual games (Tennis)

### PSHCE

Pupils will be learning about sex and relationships.

### History

Pupils will be learning about the Black Death and how it affected the people, church and economy of Britain as well as its contribution to ending serfdom.