



Year 4
Spring 1 Term

GEOGRAPHY

What are the main bodies of water in Great Britain?
How is the course of the River Esk the same and different to the course of the River Thames
How does water change the natural landscape?

SCIENCE

Knowledge:

How can I demonstrate the water cycle?
Are all soils the same?
What is beneath our feet?
What are the three different types of rocks?
How should you plan a fair test to show which type of rock is the hardest?
How can you sort and classify animals who live in water?
What habitat would your chosen animal live in?
How is a fish different and similar to a human?
How are divers, swimmers and wader birds the same and different?
Which paper bird shape do you predict will be best at staying in the air the longest?
What has happened to the planted beans over time?
What parts of a plant help it to pollinate?
How has a water lily adapted to live on water?
Is it true that without plants there would be no animals?
What is photosynthesis?

Working Scientifically:

Ask relevant questions and using different types of scientific enquiries to answer them.
Gather, record, classify and presenting data in a variety of ways to help in answering questions.
Use straightforward scientific evidence to answer questions or to support findings.
Report on findings from enquiries, including oral and written explanations, displays or presentations of results and conclusions.
use diagrams and labels to show scientific understanding.

READING – Key Texts

The Girl Who Stole an Elephant
The Boy in the Back of the Class

WRITING

Stories from other cultures
Persuasive writing

SPELLING CONCEPTS

Suffixes, statutory words, prefixes

RE

Why are festivals important to religious people?

PSHE – Dreams and Goals

Piece 1: Hopes and Dreams – stay motivated when doing something challenging

Piece 2: Broken Dreams – keep trying even when it is difficult

Piece 3: Overcoming Disappointment – work well with a partner or a group

Piece 4: Creating New Dreams – have a positive attitude

Piece 5: Achieving Goals – help others to achieve their goals

Piece 6: We did It! – working hard to achieve dreams and goals

Enrichment

London Aquarium

PE

Gymnastics

MATHS

- Related facts – multiplication and division
- Informal written method for multiplication
- Multiply a 2-digit number by a 1-digit number
- Multiply a 3- digit number by a 1digit number
- Divide a 2-digit number by a 1-digit number (1)
- Divide a 2-digit number by a 1-digit number (2)
- Divide a 3-digit number by a 1-digit number
- Correspondence problems
- Efficient multiplication
- Measure in kilometres and metres
- Equivalent lengths (kilometres and metres)
- Perimeter on a grid
- Perimeter of a rectangle
- Find missing lengths in rectilinear shapes
- Calculate the perimeter of rectilinear shapes
- Perimeter of regular polygons
- Perimeter of polygons
- Understand the whole
- Count beyond 1
- Partition a mixed number
- Number lines with mixed numbers

COMPUTING – Information Technology