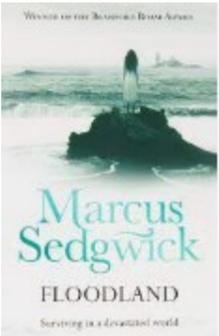


English

Reading

- **Retrieve** and record information and identify key details from fiction and non-fiction
- Make **inferences** from the text and to explain and justify inferences with evidence from the text



Writing

- Use correct punctuation in all writing, including full-stops, capital letters, commas and inverted commas.
- Include **fronted adverbial phrases** as sentence starters to add detail to a piece of writing
- Use **subordinating conjunctions**, such as *while, when, since, because, until, if*

Art / DT

- To know how to use different sized brushes to show **texture** and different shades of colour to represent mood
- To use water colours and a variety of brush strokes to create an image of a river, **blending** colours and tones to enhance the mood of the piece

Additional Key Vocabulary:
Technique, Brush-stroke

Music

- To copy and perform a rhythmic pattern expressively to a given **time signature**
- To use choose suitable **timbre** and **dynamics** with playing instruments

Additional Key Vocabulary:
Rhythmic Notation

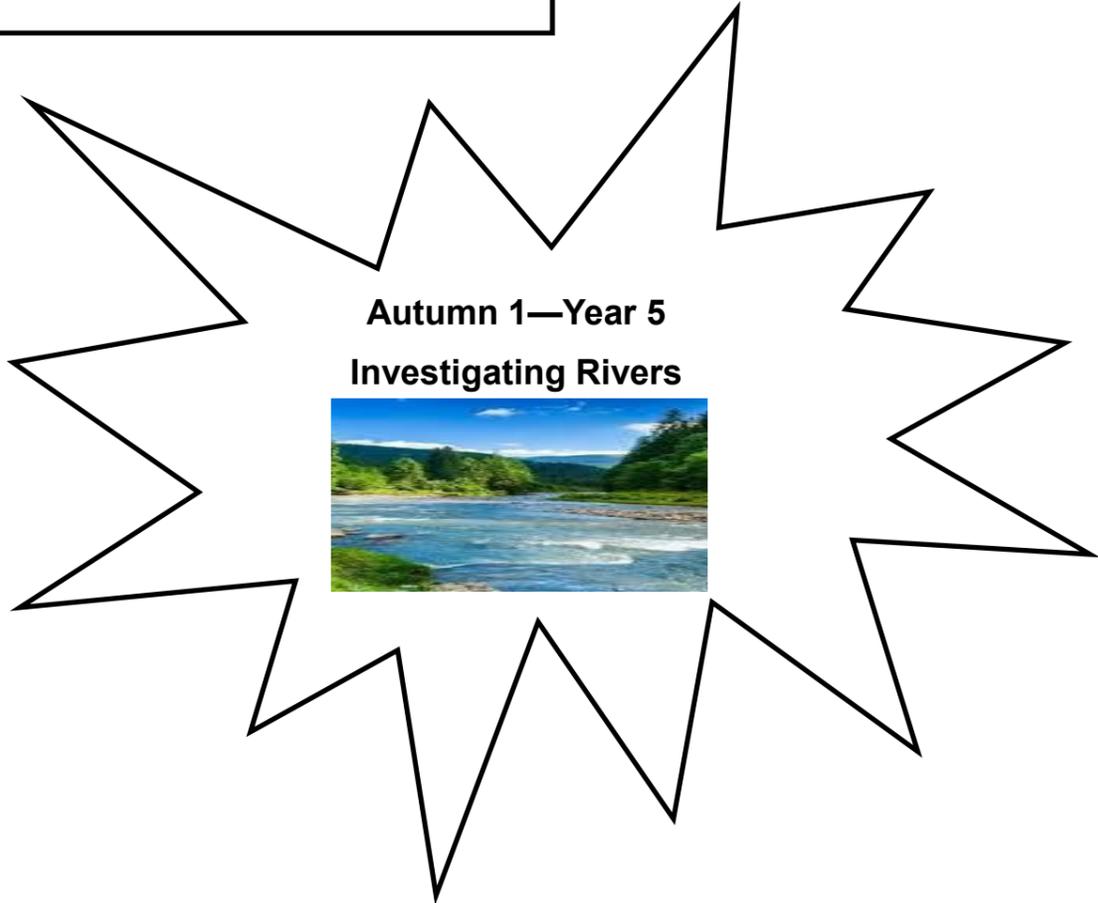
Maths

- To read and write Roman Numerals
- To read and write numbers up to 1,000,000
- To **partition** numbers up to 6-digits
- To round numbers to the nearest 10, 100, 1000, 10,000 and 100,000
- To compare and order numbers up to 1,000,000
- To understand how many tens, hundreds and thousands there are in certain numbers
- Add and subtract whole numbers with more than four digits using the standard written methods
- Use **inverse** calculations to check answers
- Answer multi-step word problems using addition and subtraction
- Calculate missing numbers

History / Geography

- To investigate a river (looking at where it is located using maps)
- To describe the key features of a river system
- To understand and explain the water cycle
- To describe the key features of a river system
- To describe how a river **erodes, transports** and **deposits**
- To know the name of and locate 5 of the worlds longest rivers

Additional Key Vocabulary:
Confluence, Tributary, Meander, Oxbow Lake, Delta
Source, Mouth, Erosion, Sediment



Science

- Compare and group materials based on their properties (e.g. hardness, solubility, transparency, conductivity, [electrical & thermal], and response to magnets
- Know and explain how a material dissolves to form a solution
- Know and show how to recover a substance from a solution
- Know and demonstrate how some materials can be separated (e.g. through filtering, sieving and evaporating)
- Know and demonstrate that some changes are reversible and some are not
- Know how some changes result in the formation of a new material and that this is usually irreversible

Additional Key Vocabulary:
Solution, Soluble, Insoluble, Reversible/

RE

- To explain connections between biblical texts and Christian ideas of God, using theological terms.
- Show how Christians put their beliefs into practice in worship
- Weigh up how biblical ideas and teachings about God as holy and loving might make a difference in the world today, developing insights of their own.

Additional Key Vocabulary:
omnipotent, omniscient, eternal

Computing

- To understand how to create **databases** and use them to organise **data** in records.
- To create graphs and charts from data to solve problems, presenting their work to others.

Additional Key Vocabulary:
System, Connection, Digital, Input, Process, Output, Protocol, Address, Packet

PE

- To develop key skills of **attacking** and **defending**, such as **throwing, catching, dribbling, intercepting** and **shooting**
- To work collaboratively to develop strategies and **tactics** in both attack and defence
- To learn different components of fitness, including: **speed, stamina, strength, coordination, balance** and **agility**