

# Go with the Flow



Our learning behaviour foci this half term will be: Connectivity, Collaboration and Reflection

## Computing

- Know how to select, use and combine a variety of software to create and present work on a specific river.
- Know how to programme using logo.
- Explore ways to debug a programme

## Music

- We will be using a graphic score to compose and perform our own river music
- We will be listening to a range of music including pirates of the Caribbean and Jaws as well as learning some traditional sea shanties.

Vocabulary:: Rounds, Mood, form, texture, dynamics, shape, duration and timbre.

## DT

- Explore different types of bridges and how forces act in their design
- In teams, solve problems associated with bridges e.g create a bridge with the largest span/ heaviest load.



## RE

Know why people make pilgrimages to the River Ganges:.

## Science

Know that materials can be classed as solids' liquids or gases and be able to explain the properties of these states.

- Know that some forces need contact between two objects, but magnetic forces can act at a distance.
- Know how magnets attract or repel each other and attract some materials and not others.
- Know that forces act in pairs

Vocabulary: solid, liquid, gas, molecules, reversible, vapour, evaporation, condensation, freeze, repel, attract, materials, magnetism, copper, iron, fair test, control, friction, direction

## Geography

- Know how to conduct a field study on a local river.
- Know the physical features of a river.
- Compare and contrast local rivers with world rivers.
- Know about the relationship between rivers and settlements.
- Know about world/local water issues e.g. flooding and droughts
- Know how to read keys on ordnance survey maps
- Use directional language, compass points and electronic maps (e.g. google earth)

Vocabulary:

Basin, mouth, meander, source, oxbow lake, erosion, tributary, upper/middle/lower courses, floodplain, reservoir, estuary, sediment, vegetation belt, trade links, scale, symbol, key.

## Art

Know about the work of Seurat and the style of pointillism. Compare and contrast the work of Seurat and a modern cubist painter Mark Adam Webster. Know how to mix colour and apply watercolour for effect. Begin to understand how to create 3D effects in paintings and collage work.



# Ongoing Learning in Scorpions – Autumn Term 2022

## ENGLISH

### Reading

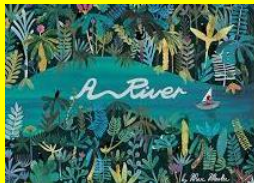
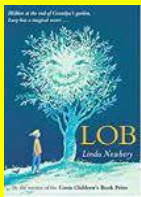
- Use the skills 'skimming' and 'scanning' to quickly and effectively retrieve key information to answer a question.
- Deepen our understanding of a character by looking at their actions and dialogue
- Justify our answers to questions using evidence in the text.
- Compare and contrast two texts with similar themes.
- Explore the use of language, structure and presentation and how this adds meaning and captures the interest of the reader.

### Writing

- Explore dialogue and punctuate direct speech.
- Continue to build upon proofreading, editing and revising skills
- Deepen our understanding of characters by hot-seating, debate, role play and conscience alley.
- Successfully compose: diary entries, letters, story chapters and poetry.

### SPAG

- Continue to follow RWI spelling programme.
- Identify and use third and first person and past and present tense.
- Use time conjunctions and fronted adverbials to sequence ideas.



## French

- Learn French numbers to 31 and months of the year.
- Know the vocabulary for key places in a French town
- Write simple sentences using the verb 'aller' and prepositional language for location.

## PE/Games

### Football

Know how to control a football in different ways and strike towards other players using knowledge of space.

### Dance

Develop and refine a dance sequence in response to a piece of music.

## MATHS

### Year 3

- Multiplying by 2 and 3 using skip counting
- Division by 2 and 3
- Multiplying by 4, 5 and 10
- Dividing by 4, 5 and 10
- All the above have attached problem solving units

### Vocabulary:

Groups of, skip count, altogether, division sentence, divide, match, multiplication story

### Year 4

- Addition and subtraction within 10,000 including number problems
- Consolidate 3x and 4x tables
- Skip counting strategies for 6x, 7x, 8x and 9x tables.

### Vocabulary:

Place value, words, digits, column, hundreds, thousands, value, smaller, greater, compare, sum of, regrouping, difference, subtract, base 10, skip counting

INSPIRE  
MATHS

## JIGSAW (PSHE)

- I know how good it feels to be included in a group and understand how it feels to be excluded
- I try to make people feel welcome and valued
- I understand how rewards and consequences motivate people's behaviour
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- I understand how democracy and having a voice benefits the school community