

## Maths

### Place Value

- Roman numerals to 1000
- Numbers to 1,000,000
- 10/100/1000/10,000/100,000 more or less
- Partition numbers to 1,000,000
- Compare and order numbers to 1,000,000
- Round to the nearest 10,100 or 1000
- Round within 1,000,000

### Addition and Subtraction

- Mental strategies for addition
- Add and subtract whole numbers with more than four digits
- Round to check answers
- Inverse operation for addition and subtraction
- Multi-step addition and subtraction problems
- Compare calculations
- Find missing numbers

## French

- To introduce myself
- To use adjectives to describe my personality
- To begin to understand adjectival agreement
- To use the pronoun “tu”
- To begin to understand how the verb changes with the pronoun
- To use the pronouns “il/elle”
- To change the adjective depending on the pronoun used

## PSHE – Feelings and Emotions: Anger

Recap with children what they already know about feelings and emotions. Link to year 4 teaching of jealousy.

Recognise and name emotions and their physical effects

Know the difference between pleasant and unpleasant emotions

Learn a range of skills for coping with unpleasant/uncomfortable emotions

## P.E- Football

- Recap and refine dribbling and passing to maintain possession
- Introduce defending
- Develop defending
- Develop shooting
- Refine attacking, passing, dribbling, and shooting, introduce officiating

## Geography – Investigating Rivers

- To understand and explain the water cycle
- To find out about rivers and how they erode, transport and deposit materials.
- To find out why rivers are important.
- To find out about the causes of river pollution and the effect it has on the environment.
- To investigate a river in detail including the effects on the environment and landscape.
- To be able to conduct a geographical enquiry.



## AUTUMN 1: Investigating Rivers



## R.E – Hinduism

To explore what it means to be committed

To explore Hindu worship through sacred artefacts

To understand the importance of the River Ganges

To explore different ways Hindus show their commitment to God

To evaluate the ways Hindus show their commitment to God

To express how we show commitment

## Art- Wild Waters

- Focus on inspirational artist, observe artwork and discuss techniques.
- Explore feelings, thoughts and emotions
- Explore techniques using inspirations artwork and develop a sketch (techniques: tints, colours, textures, shades and tones)
- Critique and up level.
- Master techniques- creating their own version taking inspiration from the artist.
- Evaluate techniques and compare own work with inspirational artist work.

## Science- Forces

Recognise the effects of friction and air resistance.

Plan and investigate the effects of parachute surface area on air resistance

Evaluate parachute investigation

Plan and investigate the effect an objects shape has on water resistance

Explore gravity

Recognise how small forces can be used for greater effects.

## Computing: Systems and Networks: Search Engines

To explain what a search engine is

To understand that things online aren't always true

To explain why keywords are important when using a search engine

To understand what TASK stands for

To recognise the terms 'copyright' and 'fair use'

To make parallels between book searching and internet searching

## Music: Composition notation (Theme: Ancient Egypt)

To sing in time and in tune with other people and the backing track

To remember the lyrics to a song

To improvise your own piece of music

To play a melody with reasonable accuracy

## Core Book: One small step – Taiko Studios

### Writing Outcomes: Narrative

#### Narrative

- Recap features of a story
- To use expanded noun phrases
- To use brackets, dashes or commas to indicate parenthesis
- To use relative clauses
- To convert nouns or adjectives into verbs using suffixes
- To use modal verbs and adverbs to indicate degrees of possibility
- To use devices to build cohesion within a paragraph
- To use a dictionary and thesaurus to edit and up-level writing
- Self/peer assessment
- Write/edit/redraft/publish