

## Science – The big build



- relevant questions and use different types of scientific enquiries to answer them
- set up simple practical enquiries, comparative and fair tests
- Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, including thermometers and data loggers
- Gather, record, classify and present data in a variety of ways to help in answering questions.

## Geography – Rivers and the water cycle

- name and locate some of the UK's and the world's most significant rivers and mountain environments
- learn about the features of a named river in the UK, from source to mouth
- learn how rivers and mountains are formed
- identify some of the processes associated with rivers
- understand where rivers and mountains fit into the water cycle.

## Music



- Understand how rhythmic articulation affects musical phrasing.
- Perform a poem as an ensemble with rhythmic accuracy to a steady beat.

## PSHE – Working together



- be able to identify their own strengths and skills and those of others
- be able to identify skills they would like to develop
- take part in a class learning challenge
- be able to work as a group to make decisions and solve a problem
- know how different people can contribute to a group task.

## English



### Reading

- identifying themes and conventions in a wide range of books
- begin to make inferences based on what has been read

### Writing – Non-chronological reports/fairy tales

- organise paragraphs around a theme
- in narratives, create settings, characters and plot
- in non-narrative, use simple organisational devices [for example, headings and sub-headings]



## YEAR 4 SPRING 1

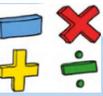
We will be learning to...

### RE – Hinduism (what does it mean to be a Hindu today?)

- Identify some Hindu deities and describe Hindu beliefs about God (e.g. Brahman, trimurti)
- Offer informed suggestions about what Hindu murtis express about God
- Understand Hindu beliefs and the aims of life (e.g. karma).
- Describe how Hindus show their faith within their families in Britain today (e.g. home puja)
- Describe how Hindus show their faith within their faith communities in Britain today (e.g. arti and bhajans at the mandir;



## Maths – Multiplication and Division



- recall multiplication and division facts for multiplication tables up to  $12 \times 12$
- use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers
- recognise and use factor pairs and commutativity in mental calculations
- multiply two-digit and three-digit numbers by a one-digit number using formal written layout

## Computing – We Are Meteorologists



- understand different measurement techniques for weather – both analogue and digital
- use computer-based data logging to automate the recording of some weather data
- use spreadsheets to create charts
- analyse data, explore inconsistencies in data and make predictions

## Design Technology – Storybooks with mechanisms

- recognise products that contain linkage-type mechanisms and describe how they work and the movement produced
- explain why a particular mechanism has been used and the way it works for the intended purpose
- cut and shape materials and components with some precision, to enable their mechanism examples to work
- produce a range of different mechanisms and develop an understanding of how they work

