

## Year 4 - Autumn - The Journey of a Raindrop

### Literacy

- To discuss writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary, punctuation and grammar.
- To compose and rehearse sentences orally.
- To organise paragraphs around a theme including creating settings, characters and plot.
- To propose changes to grammar and vocabulary to improve consistency including the accurate use of pronouns.

### Numeracy

- **Place value** - To recognise the place value of each digit in a four-digit number.
- **Number** - Four calculations - To use written methods to multiply and divide and column method to add and subtract.

### Science

- To identify how sounds are made, associating some of them with something vibrating.
- To find patterns between the pitch of a sound and features of the object that produced it.
- To find patterns between the volume of a sound and the strength of the vibrations that produced it.
- To understand the watercycle and investigate processes including evaporation, condensation, precipitation and transpiration.

### Computing

- To use technology safely, respectfully and responsibly.
- To identify a range of ways to report concerns about content and contact.
- To use technology responsibly, securely and safely - Touch-typing.
- To understand email as a form of communication and know how to open, write, send and attach.
- To use sequence, selection, and repetition in programs.

- To detect and correct errors in algorithms and programs.
- To work with various forms of input and output.
- To generate appropriate inputs and predicted outputs to test programs.

### **Physical Education - Tennis, Basketball, Netball, Gymnastics**

- To plan, use and adapt strategies, tactics and compositional ideas for individual, pair and small team activities.
- To apply rules and conventions for different activities.
- To use skills and tactics and apply basic principles suitable for attacking and defending.

### **Geography**

Describe and understand rivers, mountains and the water cycle. Human and physical features in landscapes. Grid references. Geography of the UK.

### **RE – Christianity**

### **Art -** Water reflections and patterns. Observational drawing

### **DT –** 3D River Models, moving mechanisms, gardening

### **Music** – Charanga: Oceans, seas and rivers

### **Mandarin** – Greetings, numbers and the moon festival

### **British Values**

Tolerance of those of different faiths and beliefs – Explore the differences between religions, exploring beliefs and faiths in line with work on Black History Month.