

### Science

- compare and group materials together, according to whether they are solids, liquids or gases
- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- setting up simple practical enquiries, comparative and fair tests
- making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers
- using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions

### Computing

- Internet research using an online encyclopedia and presentation about states of matter.

### PE

- use running, jumping, throwing and catching in isolation and in combination
- take part in outdoor and adventurous activity challenges both individually and within a team
- develop flexibility, strength, technique, control and balance (for example, through athletics and gymnastics)

### Spanish

- To learn and understand how to say and read different animals, items of clothing and family members.

### Maths

- recall multiplication and division facts for multiplication tables up to  $12 \times 12$
- multiply and divide two-digit and three-digit numbers by a one-digit number using formal written layout
- solve multiplication and division problems, with reasoning.

### Literacy

We will be reading The Iron Man by Ted Hughes and producing a range of outcomes on the following:

- Character description
- Setting description
- Visual Literacy
- Imagery Poetry

### RE

- **How do we remember people and why?**  
To know and understand what makes a person worth remembering as well as the various contributions that are essential to a community

### Art

- To explore the work and pointillism style of Georges Seurat and Paul Signac
- To use paint and pointillism to create a section of landscape

### DT

- Understand and apply the principles of a healthy and varied diet.
- Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques
- Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed

### PSHE

- To understand the concept of 'keeping something confidential or secret', when we should or should not agree to this and when it is right to 'break a confidence' or 'share a secret'
- To judge what kind of physical contact is acceptable or unacceptable and how to respond
- To develop strategies to solve disputes and conflict through negotiation and appropriate compromise and to give rich and constructive feedback and support to benefit others as well as themselves
- To be able to listen and respond respectfully to a wide range of people, to recognise and care about other people's feelings.

# Year 4 Spring 1 Chain Reaction