



Year 6

Spring 1

How to support your child's learning.  
First follow the link (control and hover) [click here](#)

### Mathematics

In our maths lessons we will be moving through area, perimeter, co-ordinates and then onto fractions and percentages. In our maths fluency lessons, we will continue with arithmetic skills (addition, subtraction, multiplication, and division) and include applying fluency to word problems.

At home you could...

- Practise times table recall skills
- Measure your garden/rooms in the house etc. for area, perimeter and volume.
- Play battleships—great for co-ordinates!
- Use fractions in everyday situations—discussing/cutting and sharing parts of a whole (e.g. cutting a pizza into parts)
- Use percentages in everyday situations—finding a percent of pocket money, percent of money from shopping etc.



### Reading and Spelling

This half term, we will be reading the book 'Cogheart' by Peter Bunzl.



- What has happened in the chapters you've read today?
- Can you find other mystery stories to read, especially set in Victorian times?
- Write a set of questions that you would like to ask the main character, Lily, about her ordeals.
- Create an emotion graph to track the feelings of the main character.
- Create an alternative book cover for the story.

### **We will practise Year 5 and 6 words:**

- Practice the words by using look, say cover, write, check
- Art—the children could draw their own images to represent the words they find the trickiest.
- Mnemonics—the children can invent these to help them memorise the words.

### Writing

In writing, we will be producing narratives of mystery based on 'Cogheart.' To practise and refine your skills, you could...

- Write a diary entry from the point of view of Lily after she finds out about her father.
- Describe the steampunk setting using a range of metaphors and personification.
- Design a new mechanical—why is it special?
- Create a newspaper report about the air battle!
- Turn the chapter about John's capture into a comic strip.
- Write the letter that John may have written to Lily before he was captured by the silver eyed men.



## Science

Our science topic this half term is Animals including Humans.

We will be studying what blood is made up of, how oxygen and nutrients are passed around the body, and how the body is impacted by exercise and diet.

To support your learning, you could try the following:

- Research how the heart works
- Keep a food diary to see what you actually eat and find out key information such as calories/protein/carbohydrates etc.
- Record your resting heart rate and then after exercise
- Sketch/paint/create a heart or veins/arteries—or even create a 3D model!
- Research how the lungs and heart function together—you could create a poster or information leaflet.



## Geography

Our History topic this half term is The Industrial Revolution and Victorian Disease.

To support your learning, you could try the following:

- Carry out your own research about the diseases that became more prevalent during the Industrial Revolution.
- Make a fact file about Queen Victoria.
- Create your own shoe box industrialised town scene!
- Find about the famous Mary Murdoch and the impact she had in Hull.
- Research Victorian hospitals and how they were different to today.



## Art

In Art we will be studying and imitating L.S. Lowry, specifically his industrial work and matchstick style. We will respond to some of his work and give opinions, including the skills needed to create the artwork. By the end of the unit, we will create our own Lowry inspired piece which will reflect the Victorian era based on our History work.

We will continue to develop our sketchbook skills through annotations, research, and practise. In particular, we will understand how perspective is created and draw using one-point perspective. We will also develop our knowledge of colour and experience how to create effective watercolour artwork.

To support the skills needed, you could:

- Practise drawing 3D shapes
- Research L.S Lowry and extend knowledge about his works
- Practise watercolour mixing and how to achieve different effects
- Use one-point perspective to develop accuracy

