



## Topic and Year Group

Year 4 – Victorious Victorians

### English

#### **Oliver Twist and other Charles Dickens works** **A series of unfortunate events**

- To understand how the reader's or writer's context makes a difference to the social, cultural or historical setting
- To make links between different points and characters in a text
- To consider the needs of the reader and provide background information in my writing
- To extend the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although
- To identify how language, structure, and presentation contribute to meaning
- To use expanded noun-phrases for effect in my writing
- To use the five senses to describe a place
- To use quotes from the text to justify inferences
- To comment on the choice of language to create moods
- To use context to understand new words
- To identify themes and conventions in a wide range of books
- To write a clear introduction, followed by logical points, drawing to a defined conclusion
- To choose words and phrases that both engage the reader and support the purpose
- To identify and use a range of text features, being able to compare them and choose the most suitable for my writing

### Maths

#### Further Multiplication and Division

- Factors and multiples
- Multiply and divide by 10, 100, 1,000
- Informal methods for multiplication
- Multiply and divide 2- and 3-digit numbers by 1-digit numbers
- Correspondence problems and efficient multiplication strategies

#### Length and perimeter

- Equivalent length (km and m)
- Perimeter on grids, rectangles and rectilinear shapes
- Find missing length
- Perimeter of regular and irregular polygons

#### Fractions

- Understand a whole
- Partition mixed numbers and place them on a number line
- Compare and order mixed numbers
- Understand improper fractions
- Convert mixed numbers to improper fractions and vice versa
- Equivalent fractions
- Add and subtract fractions from other fractions and from whole amounts

#### Decimals

- Introduction to decimals
- Tenths and hundredths
- Divide 1- and 2-digit numbers by 100

### Science

#### Living Things and their habitats

- To recognise positive and negative changes to the local environment.
- To explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment by creating classification keys.
- To use a key to identify invertebrates and vertebrates

#### States of Matter

- To sort materials into solids, liquids or gases and investigate their particle's behaviour
- To describe the properties of solids, liquids and gases.
- To show the difference between the particles in solids, liquids and gases.
- To 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) by investigating how heating and cooling can change a material's state.

#### Working scientifically

- To use straightforward scientific evidence to answer questions by explaining how they have identified an invertebrate.
- To present my findings orally and in writing.
- To record my observations in different ways.



## Topic and Year Group

**Year 4 – Inventors and Achievers**

## RE

- To understand why life was difficult for the Hebrews in Ancient Egypt
- To learn about Moses
- To learn about the significance of Pesach (Passover) for Jewish people
- To find out about some key figures in the Bible
- To explore the 10 commandments

## Spanish

- Autumn term Recap
- I like/I don't like
- Weather
- Seasons
- Jobs

## Geography/History

- The British Empire during the Victorian time
- Inventions during the Victorian period
- Industrial Revolution
- Victorian schools
- Lord Shaftesbury
- To become familiar with historical sources and accurate vocabulary relating to the Victorian period.
- To contrast everyday life during the Victorian period
- Victorian Empire expansion
- Using map and coordinates

## Art/D&T

- Victorian Fashion Portraits
- Industrial Landscapes inspired by LS Lowry
- Pattern Designs inspired by William Morris and Kehindle Wiley
- Cross Stitching

## Trips/Events

- Victorian workshop
- Cardfields residential
- Sustainability week
- Science Week
- Number day

## PSHE/RSE

### Dreams and Goals

- Stay motivated when doing something challenging
- Know how disappointment feels and can identify when I have felt that way
- Work well with a partner or in a group
- Know what it means to be resilient and to have a positive attitude
- Identify the contributions made by myself and others to the group's achievement

### Healthy Me

- Recognise how different friendship groups are formed, how I fit into them and the friends I value the most
- Understand there are people who take on the roles of leaders or followers in a group
- Recognise negative feelings in peer pressure situations (such as embarrassment, shame, inadequacy and guilt) and know how to act assertively to resist pressure from myself and others



## Topic and Year Group

Year 4 – Inventors and Achievers

## STEAM

### Victorian inspired inventions. Reinventing important Victorian technologies.

- Identifying and Exploring important Victorian inventions and using recycled materials and digital resources to recreate or reinvent them.

### **Environmental sensors. Inventing and building an environmental temperature and soil monitoring system.**

- Using microbits to build environmental monitoring systems that can send data to be analysed.

## Computing

### Sensors and data using a Microbit.

- Using microbits to understand how different sensors can capture data from forces and sound that can be analysed.

### E safety

- Understanding digital citizenship.
- Identifying risks using digital technologies and how to protect against them.

## PE

### **Rugby- Hackney RFC Coaches**

- Ball games
- Passing and moving
- Tag rugby

### **Football**

- House and school matches
- Circuits and stretching

## Drama/Dance

### **Dance and Drama:**

- Year 3 and 4 Production- 'Olivia'

## Music

- Treble and Bass
- Inside a Victorian Music Hall
- Musical appreciation and listening skills. Studying a composer each month and listening to their different compositions. The class then use musical terminology to describe how the music makes them feel and why.
- Victorian music hall songs and their composers
- Reading music in the treble clef and composing pieces as a class

## Yoga

- A union of body and mind encompassing yoga movements such as soaring bird and kicking horse.
- Learning through mindfulness techniques to focus within, breathing the three threes.