

# Year 4 Knowledge Organiser – Spring term

## Maths –

- Re-visit Place Value in relation to four-digit numbers
- Positive and Negative numbers
- Written strategies for all 4 operations  
+ - x ÷
- Fractions
- Solving one and two step problems
- Times tables

**By the end of year 4 it is expected that children will know all multiplication facts by heart. Please encourage your child to use times tables rockstars as often as possible**

## Writing

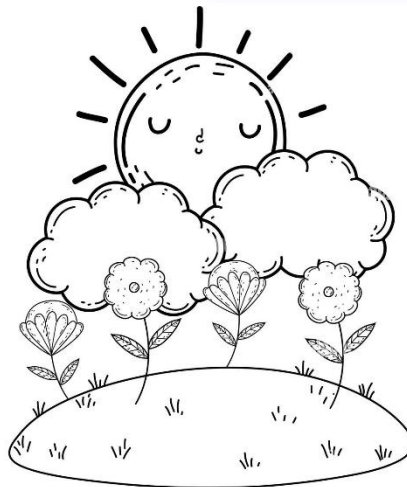
We will continue to use Anne Fine's novel *Bill's New Frock* to write diary entries. From there, we will be moving onto *Voices in the Park* by Anthony Browne, where we will be considering points of view within narratives.

## Reading

- Retelling stories orally.
- Read different forms of poem
- Ask questions to improve understanding of a text
- Make predictions of what might happen, using details stated and implied in a text

## Science (Sound and Hearing)

- Know how sound is made, associating some of them with vibrating
- Know how sound travels from a source to our ears
- Know the correlation between pitch and the object producing a sound
- Know the correlation between the volume of a sound and the strength of the vibrations that produced it
- Know what happens to a sound as it travels away from its source



## Grammar

To use fronted adverbials, with a comma to punctuate  
Compose sentences using a wide range of vocabulary and sentence structure  
Know the difference between standard and nonstandard English  
Choose nouns and pronouns accurately for clarity and cohesion

## Art

- Know how to show reflections
- Use photographs to help create reflections
- Know how to integrate digital images into artwork

## **Music**

- Sing songs from memory with accurate pitch
- Use notation to record compositions in a small group of individually
- Explain why silence is often needed in music and explain what effect it has
- Use notation to record and interpret sequences of pitches
- Identify and describe the different purposes of music
- Begin to identify the style of work of Beethoven, Mozart and Elgar

## **Topic – The Industrial Revolution**

- Study how the Industrial Revolution affected Manchester and Salford, and the impact this had on the world
- Understand the importance of the Bridgewater Canal during the Industrial Revolution
- Use evidence from the Victorian era to build a picture of life in the past
- Use the novel *Oliver Twist* (graphic novel) to help us understand the differences between rich and poor lives during this time

## **RHE – Managing our feelings**

- Think about what can affect our feelings and how our feelings might change over time
- Know how our feelings can be expressed
- Know how to access advice and support to help manage their own and others feelings in difficult times

## **Spanish**

- To read, write and talk about likes and dislikes at school
- To use 'y' (and) and 'pero' (but) to expand sentences.
- To use a bilingual dictionary

## **Computing**

- Use technology safely, respectfully and responsibly: understanding how to report concerns, the right to privacy and have a go at making predictions about the accuracy of information presented on a variety of websites

## **RE**

### Why is Jesus inspiring to some people?

- Make connections between some of Jesus' teachings and the way Christians live today
- Describe how Christians celebrate Holy Week and Easter Sunday
- Identify the most important parts of Easter for Christians and say why they are important
- Give simple definitions of some key Christian terms (e.g. gospel, incarnation, salvation) and illustrate them with events from Holy Week and Easter

## **PE – Outdoor Adventurous Activities (PE Coaches) and Competitive Games**

- Use aerials photographs and maps to recognise human and physical features
- Show stamina when running, building technique and strength
- Throw and catch accurately with one hand
- Vary tactics and adapt skills depending on what is happening in a game



