



## Mathematics Mastery

### Coordinates, Shape and Symmetry

- Learning about right angles, acute angles and obtuse angles. Understanding these as properties of different shapes.
- Learning the key shape vocabulary needed to explore different triangles and quadrilaterals, as well as other 2D shapes.
- Recognising and manipulating lines of symmetry.
- Reading plot coordinates.

## Humanities –PSHE (personal, social and health education)

- Learning about the role of charities in our local communities.
- Reflecting on how personal values and actions impact those around us.
- Brainstorming and planning ways in which we can make a real difference.
- Designing their own volunteering and charity based projects and putting these into action.

## Sports, Health and Fitness

- Fitness – Mighty Movers: building up our aerobic fitness through dance.
- Health – diet and vitamins.

## Expressive Arts

- Art –sewing a community patchwork quilt as part of our challenge project.
- Music – building our repertoire of songs and beginning to compose our own music.

## French

### Notre Monde (The world around us)

- Exploring and comparing the geography of France, French speaking countries and other areas of the world.
- Developing conversational skills to discuss and answer questions on this topic.

## Computing

- Investigating different ways to use 'selection' in games programming.
- Developing our understanding of the 'if else' selection block in scratch – how can we use this block to effect things such as movement of the sprite?

## Science

Our topic this half term is human biology; health and fitness. Children will:

- Explore how diet and fitness impact human health.
- Examine the functions of the respiratory system – for example looking at how the lungs work; and then investigating the impact lifestyle can have on the organs involved.
- Investigating the relationship between diet and health, examining the relationship between food groups and human biology – investigating, for example, the impact of reduced levels of calcium on bone structure and the impact acid has on our teeth.

# This half term we are asking: 'How can I make a difference in my local community?'



## Home Learning

- Each week, Dickens class will be set research questions in the newsletter to find facts so they can share their learning in class each week. Children can show their learning in their Home Learning Journal however they wish.
- In addition, they will receive a spelling list for a weekly test on Fridays from a list of Year 4 words.
- We have a personal challenge every Friday to do as many accurate time tables as we can in 3 minutes, so keep practising your rolling numbers at home!
- Students have their own vocabulary booklets which they can use to record and define interesting and exciting vocabulary they come across in their reading.

## Reading

If you have books at home which you have enjoyed please bring them in to share with the class so we can strengthen our reading community!

## Literacy

- Our focus text this half term will be 'Voices in the Park' by Anthony Browne. Students will be writing a narrative which includes the perspective of two characters. Students will be thinking about how a character's life circumstance can influence their point of view.
- Students will be writing a persuasive non-fiction text to support their challenge project; attempting to convince Mr McBeath there should be opportunity to volunteer in support of the community during the school day.

## Enrichment Activities

- Ballet – we will be visiting the Peacock Theatre to see 'Little Lord Fauntleroy by London Children's Ballet.
- An expert from a local food bank will be coming in to discuss the role food banks play in the community.
- A trip to a local charity.