

## Mathematics Mastery

### Area and Perimeter

- To convert units of length from kilometres to metres, and metres to centimetres.
- To measure and find perimeters accurately in cm and mm
- To draw accurately 2D shapes with differing perimeters in cm
- To find the area of composite rectilinear shapes by finding the area of a whole and subtracting the missing section.
- To investigate the relationship between area and perimeter

## Humanities – Geography

We will be learning about the River Thames in order to answer our challenge question.

This includes:

- physical geography of Thames including map and aerial photography work
- how rivers are formed and their features
- how rivers are managed and why
- the potential impact of significant environmental change on a society

## Computing

Making a film answering our challenge question including

- Storyboard creation
- Filming
- Editing

## Expressive Arts

- Art – making a giant collage of The Thames using paper and glass mosaic work
- Drama – role play of our characters in Wind in The Willows
- Music – building our repertoire of songs and beginning to compose our own music

## R.E

How belief affects living: moral dilemmas

Using our focus religion

(Christianity) we will be discussing issues such as

poverty, power, responsibility and prejudice.

## Sports, Health and Fitness

- Sports – Gym Sequences: learning new gymnastic moves
- Health – Blood and Guts: learning about our cardiovascular system and
- Fitness – Mighty Movers: building up our aerobic fitness through dance

# This half term we are asking ‘What would happen to London if The River Thames dried up?’



## Enrichment Activities

- PSHE- We will be debating every week with an aim of creating a team as well as having open discussions from a worry box
- Children will spend time on Friday afternoon each week sharing their news, experiences and anything they wish to
- In 10% time, children can work on any projects they are interested in
- There is a trip to a local research lab to use their microscopes and learn how animals can educate us about human behaviour
- If parents would like to take children to relevant museums- Museum of London Docklands would be a great start

## Reading

We are reading every day for pleasure in class. We have also entered a readathon to encourage reading. To help comprehension, please listen to children read and ask questions as often as possible.

## Literacy

Our focus text this half term will be ‘The Wind in The Willows’ by Kenneth Grahame. We will be changing the text to show we can change characters through description. We will then create our own escape scenes, focusing on setting and characters. In grammar, we will focus on accurate apostrophes of possession and omission as well as using commas after adverbial phrases.

## Science

Our topic this half term is Chemical Change (Chemistry). Children will:

- Find out what a chemical change is and give real life examples
- Discover some signs that chemical change is occurring
- Observes these signs themselves through experiment with a focus on recording data using data handling methods

## Home Learning

- Each week, Dickens class will be set research questions 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!
- Pupils have their own targets (sent home last half term) please assist pupils where possible

