

### Mathematics

- Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit.
- Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places.
- Multiply and divide numbers with up to 4 digits using a formal written method.
- Develop reasoning skills by asking mathematical questions, e.g. Is there a pattern?

#### To support your child at home:

- ❖ Read and compare numbers up to 10 000 000 when they occur in the 'real world', e.g. football players salaries and charity fundraising.
- ❖ Continue learning at home using your CGP Workbooks and Revision Guides and access Times Tables Rock Stars .

### English

- Participate in discussions about books building on our own and others' ideas.
- Plan our writing by considering how authors have developed characters and settings.
- Improve our reading stamina and fluency.
- Identify the subject, verb and object and use this knowledge to convert between the active and passive voice.
- Use dictionaries to check the spelling and meaning of words.

#### To support your child at home:

- ❖ Encourage your child to read and discuss the texts with you at least three times each week. Refer to the Year 6 'Reading Mission' cards to motivate them.
- ❖ Use spelling frame to revise KS2 spelling rules.

### Science

- Plan investigations to answer scientific questions about light.
- Explain that we see things because objects reflect light from a light source into our eyes.
- Know why shadows occur and why they vary in size.

#### To support your child at home:

- ❖ Research famous scientists, e.g. Thomas Edison.

## Year 6 Curriculum – Autumn 1

In Year 6, we are learning to:

### Physical Education

- Develop gymnastics sequences .
- Develop running, jumping, throwing and catching skills .
- Keep physically fit by participating in National Fitness Day.

#### To support your child at home:

- ❖ Encourage them to share certificates and medals awarded in and out of school for sporting achievements.

### Topic - Geography

- Use an atlas to locate countries and capital cities in South America.
- Describe the human and physical features of South America.
- Know about climate zones and biomes.

#### To support your child at home:

- ❖ Encourage your child to ask research questions. Use non-fiction texts and the Internet to find the answers together.

### Health and Relationships Education

- Support World Mental Health Day by taking part in the 'Hello Yellow' campaign.
- To know about protected characteristics and why they are important.
- Work together to build a set of classroom rules that everyone should follow.

#### To support your child at home:

- ❖ Encourage children to discuss these topics at home.
- ❖ Find more advice at: [www.youngminds.org.uk/parent/](http://www.youngminds.org.uk/parent/)



### Computing

- Know how information is stored and communicated across the internet.
- Keep personal information private.

#### To support your child at home:

- ❖ Talk to them about keeping safe online.
- ❖ Further advice: [www.saferinternet.org.uk](http://www.saferinternet.org.uk)

### Art

- Use an artist's work as inspiration for a self-portrait.

#### To support your child at home:

- ❖ Visit a local art gallery, e.g. Walsall Art Gallery

### Design and Technology

- Use research to design a product fit for purpose, e.g. a deck chair.
- Apply key mathematics skills, e.g. measuring and scaling.

#### To support your child at home:

- ❖ Measure at home, e.g. measuring for a new pair of curtains.

### Religious Education

- Investigate religious ceremonies and talk about the meaning of commitment.

#### To support your child at home:

- ❖ Discuss family commitments.

### Music

- An introduction to the ukulele.

#### To support your child at home:

- ❖ Can you hear the ukulele in the background of popular songs?