

# Year 6

November/December 2017

## are learning to ...



In Year 6 this half term we are going to become historians learning about Ancient Greece. As Scientists we will be learning about the circulatory system.

### English

#### In Reading we are learning to:

- discuss and evaluate how authors use language and considering the impact on the reader
- identifying how language and structure contribute to meaning
- continuing to read and discuss an increasingly wider range of fiction, non-fiction and reference books.

#### In Writing we are learning to proofread and write instructions

We are learning to plan, draft and edit our write by:

- précising longer passages
- identifying the audience for and purpose of the writing,
- understand the imperative form of the verb
- write effective instructions within a context
- assessing the effectiveness of their own and others' writing
- proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- ensuring the consistent and correct use of tense throughout a piece of writing
- ensuring correct subject and verb agreement
- proof-read for spelling and punctuation errors

### Maths

#### We are learning to:

- round any whole number to a required degree of accuracy
- identify common factors, common multiples and prime numbers
- multiply one-digit numbers with up to 2 decimal places by whole numbers
- recall and use equivalences between simple fractions, decimals and percentages, including in different contexts
- generate and describe linear number sequences
- interpret and construct pie charts and line graphs and use these to solve problems
- draw graphs relating two variables
- calculate and interpret the mean as an average
- use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy
- use their knowledge of the order of operations to carry out calculations involving the four operations

### Science

#### We are learning to:

- Describe what heart, blood vessels and blood do, e.g. carry oxygen to all parts of the body
- Suggest how their bodies are affected by substances and actions, eg that a high fat diet coupled with little exercise is likely to lead to obesity.
- Describe with aid of diagrams the route that water takes in animals e.g. through the human body.

# Year 6

November/December 2017

## are learning to ...



### Computing

#### We are learning to:

- Solve problems by decomposing them into smaller parts

#### E-Safety

- Use technology safely, respectfully and responsibly.
- Recognise acceptable/unacceptable behaviour
- Know a range of ways to report concerns and inappropriate behaviour
- Understand the opportunities networks offer for communication and collaboration

#### Creating Content

- Select, use and combine a variety of software (including internet services) on a range of digital device
- appreciate that search engines rank pages based on the number and quality of in-bound links.

### History

#### We are learning to:

- Provide overviews of the most significant features of different societies.
- Can compare similarities and differences between Ancient Greece and modern times
- Explain how and why it is possible to have different interpretations of the same event or person.
- Comment on the value of a range of different types of sources for enquiries
- Ask historical questions relating to Greek Battles

## Ancient Greece

### Useful Resources

<http://www.bbc.co.uk/bitesize/ks2/>

<http://www.mathplayground.com/>

<http://www.abcya.com/>

Books coming home this term include a Science workbook called "Circulation and Keeping Healthy"

### P.E.

#### We are learning to:

- continue to apply and develop a broader range of skills, learning how to use them in different ways and to link them to make actions and sequences of movement.
- enjoy communicating and collaborating with each other.
- develop an understanding of how to improve in different physical activities and sports and learn how to evaluate and recognize their own success.
- performing dances using a range of movement patterns.

### Art

#### We are learning to:

- add detail to a clay sculpture using clay tools or to a 3D sculpture using different materials
- use observational skills to replicate images by well known artists and explain how their work is similar/different.
- explore the impact of well known architects' work on the society at the time.