

# Year 6 Autumn Term 'Monstrous Monarchs'

## ENGLISH

### Writing composition:

The children will write in many contexts (not just in literacy lessons) and for different purposes, including to respond to texts, explain concepts within science, give information in the form of biographies and discuss the personalities and decisions during the Tudor period.

The children study structure and language features before they write. The writing process involves planning, drafting, editing and proof reading, evaluation and oral presentation and/or publishing.

Handwriting is cursive (joined). Once children have mastered a fluent and confident handwriting style, they are encouraged to use fountain pens.

Great effort and improvement is recognised and celebrated. Some children may even win a Star Writer award!

### Grammar and punctuation:

Whenever possible, this is taught in the context of the writing process, but there may be times when discrete lessons are needed.

The programme of study includes:

- use appropriate style
- use the passive voice for purpose
- use features to convey and clarify meaning
- use full punctuation
- use language of subject, object, active, passive, synonym, antonym, ellipses, hyphen, colon, semi-colon and bullets.

### Spelling:

In year 6 the children have daily spelling sessions following the Get Spelling programme.

### Reading

The children have a reading session every day. They read a range of literature (including poetry, novels and nonfiction books) and are encouraged to make recommendations to others.

The children have regular guided reading sessions with their teacher, which develop comprehension skills. The class teacher reads aloud a class novel; this term's book is *Treason* by Berlie Doherty. Children develop their understanding of literature through drama activities, formal presentations and debates.

## ART and DESIGN

A study of Tudor portraits and their symbolism will lead to children creating their own miniature portraits on pebbles.

Tudor tapestries and embroidery samplers will provide the inspiration for the children's sampler bookmarks.

## HISTORY

A study of the changing powers of monarchs during the Tudor period, with case studies of Henry VIII, Mary I and Elizabeth I.

A study of the Reformation as a significant turning point of British history, including the part played by Cardinal Thomas Wolsey

## MATHS

We believe that Maths is a creative subject. Reasoning and Problem Solving skills are at the heart of mathematical understanding and are woven into our daily maths lesson. In addition, our learners are given frequent opportunities to use mathematics in other areas of the curriculum.

### Number/Calculation/Algebra

Knowledge of the number system builds on all that has gone before it and is used to help learners calculate with a wide range of numbers including negative numbers, fractions and numbers with up to three decimal places in a wide range of contexts. Formal calculation methods are used to work with whole and decimal numbers and includes long multiplication and long and short division where appropriate.

### Geometry/Measures/Statistics

Year Six will extend and apply their knowledge of area and perimeter to include calculating the area of parallelograms and triangles, as well as finding the area of more complex shapes made of rectangles.

They will use precise language to compare and classify shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons.

They will read and use co-ordinates in up to four quadrants and apply this knowledge (along with their knowledge of the properties of shape) to predict missing coordinates.

### Fractions and decimals

Year six will use their knowledge of common multiples to simplify fractions. They will also use apply their knowledge of equivalent fractions to add and subtract fractions with different denominators. They will multiply one-digit numbers with up to two decimal places by whole numbers. Year six will be using ratio and proportion to solve problems.

### Maths Talk

Talk is a crucial tool in the understanding of maths. Here, learners are encouraged to use precise mathematical language to discuss ideas, create debate and identify and resolve problems. This may take the form of whole class discussion, paired talk or group collaboration.

## DESIGN TECHNOLOGY

Alongside the computer science work the children will create and program computer controlled models.

Within the unit children will be asked to design, make and evaluate a model that will include a computer controlled moving part.

When designing the model they will carry out research with a customer specification in mind.

They will create their model and create the programme to control it using an approach that includes small steps and regular testing and reviewing. Their completed models will be evaluated in line with the customer requirements.

## GEOGRAPHY

This term the children will be ensuring that they are familiar with the major cities and geographical features of the UK. The children will use Holywells Park to carry out field work, including sketching maps, making measurements and making plans. They will use the eight points of the compass when producing a sketch plan of the park.

## MODERN LANGUAGES

The children will continue with their study of French, when they will:

- speak
- read
- write
- and look at the culture of the countries where French is spoken

## MUSIC

The children will be listening and appraising the music of the Tudor period, including pieces attributed to Henry VIII. All children will learn to play a brass instrument and they will perform in solo and ensemble contexts. The children will learn to read music and will improvise and compose music.

## SCIENCE

In science we will start with a focus upon living things and their habitats. Within this we will revise the process of photosynthesis and will learn how animals and plants are inextricably linked to each other.

We will use a visit to Holywells Park to allow the opportunity to closely observe different habitats and will classify the things we observe into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants & animals.

During the second half of term we will revisit electrical circuits and will carry out observations and investigations so that children can confidently discuss the links between the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit whilst recording their work using recognised symbols within simple circuit diagrams.

## COMPUTING

During computing sessions this term we will be using spreadsheets to manipulate, analyse and present data. In order to improve their word processing skills we will be introducing typing games on the computers.

The main focus of computing this term will be to develop children's understanding of computational thinking through computer programming. They will learn that the language of computer programming needs to be precise and the importance of an incremental (small steps) and iterative (checking and debugging /improving) approach to problem solving. We will start by programming Beebots, using very basic language options before creating more complex instructions with Scratch and CoSpace software.

Within our E Safety focus for the term we will be looking at how following the SMART rules will help to keep us safe when online and the importance of checking the reliability of information that is presented to them electronically.

## PHYSICAL EDUCATION

The children will learn to play Tag Rugby and develop their attacking and defending skills. They will develop flexibility, strength, technique, control and balance through gymnastics.

## RELIGIOUS EDUCATION and PSHE

In RE the children will study what people believe, expressions of faith, and lifestyles in the context of Christianity.

*The School uses the Suffolk Agreed Syllabus for RE*

In PSHE sessions will focus on E-safety, peer influences and supporting a charity. PSHE is enriched with circle time, Building Learning Power and mentoring sessions.