

Year 6 Summer Term "Survival!"

ENGLISH

Writing composition:

The children will write in many contexts and for different purposes, including responding to texts, explaining concepts within science and giving information in reports. The children study structure and language features before writing. The writing process involves planning, drafting, editing and proof reading, evaluation, 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 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

Children will 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 *My Side of the Mountain* by Jean Craighead George. Children develop their understanding of literature through drama activities, formal presentations and debates.

ART and DESIGN

As a review of art and craft techniques learned in school, children will use a range of techniques to create a unique memory book celebrating their time at Clifford Road.

DESIGN TECHNOLOGY Making a shelter

Children will design and make a shelter for a specified environment and purpose. Within the activity they will make a proto type model trying the use materials that would be available to them in the chosen location. They will use research to inform the design of innovative, functional, appealing product that is fit for purpose. They will be responsible for selecting from a range of tools and equipment. They will evaluate their ideas and products against their own design criteria and consider the views of others to improve their work

MODERN LANGUAGES

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

- speak
- read
- write
- and linking to the Survival topic predominantly through vocabulary.

PHYSICAL EDUCATION

The children will focus on athletics and tennis. During athletics sessions they will use running, jumping, throwing and catching in isolation and in combination to develop flexibility, strength, technique, control and balance. They will be encouraged to compare their performances with previous ones and demonstrate improvement to achieve their personal best. They will work towards competitive games in tennis applying the basic skills of the game.

HISTORY

This term year six will focus on the life and work of the scientist, Charles Darwin. We will explore his theories of natural selection, how he made his observations and their significance and impact. We hope to invite visitors from Cambridge University to further enhance our study. This work will link closely with our science topic of evolution and inheritance as well as providing cross curricular writing opportunities.

GEOGRAPHY

Geography this term will extend the children's knowledge of maps and mapping to include longitude, latitude and global navigation. We will also learn about the Prime/Greenwich Meridan and time zones. Locally, we will use six figure grid references to find features of our area. We will be visiting the local area to try out orienteering and tracking skills.

MUSIC

This term, in addition to our ensemble brass instrument instruction we will be learning about musical notation, singing and performing songs in class and at the end of year production and how to recognise the pitch of notes played. Children will perform in school and take part in a county music day.

RELIGIOUS EDUCATION and PSHE

In RE the children will discuss why and how people are influenced and inspired by others. They will learn how religions respond to global issues e.g. human rights, fairness, social justice and the importance of the environment and why there is a need for non religious charities. They will draw on their knowledge of a range of religious faiths including Christianity. *The School uses the Suffolk Agreed Syllabus for RE*
In PSHE sessions will focus on personal health, keeping safe and the changes they may expect during transition to High School. PSHE is enriched with circle time, Building Learning Power and mentoring sessions.

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. They will know the value of each digit in numbers up to 10,000,000. Formal calculation methods are used to work with whole and decimal numbers and may include long multiplication and long and short division where appropriate to the individual's stage of understanding.

Geometry/Measures/Statistics

Year Six will use their knowledge of multiplying and dividing by 10, 100 and 1000 to convert between units of measure.

They will accurately draw and measure angles. They will find missing angles on a straight line or around a point and recognise and name the types of angle.

Alongside work on co-ordinates, learners will draw and translate simple shapes and describe the translation. They will also reflect shapes along one or two mirror lines which may be horizontal, vertical or oblique.

Fractions and decimals

Year six will use their knowledge of common multiples to simplify fractions. They will compare and order fractions, including those greater than 1. They will learn to associate fractions with division and find decimal equivalents. They will know the value of each digit in numbers with up to three decimal places.

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

SCIENCE

In science we will start with a focus upon Evolution and inheritance looking at how living things have changed over time and how fossils provide information about living things that inhabited the Earth millions of years ago. Through study in school and via trips out to parks we will identify how animals and plants are adapted to suit their environment in different ways and that this adaptation may lead to evolution. Later in the term we will embark on the first part of a forensics unit which will be completed at Copleston by those children who transfer to that school (the first half of the unit is valuable and interesting in its own right for those transferring elsewhere)
We will continue to hone our practical science skills including taking measurements and analysing data.

COMPUTING

During computing sessions this term we will be continuing to develop our understanding of computational thinking through computer programming. We will be applying the skills learnt to CoSpace software to learn about the concepts of conditional and variables. We will be using a range of multimedia software options to tell stories. Within our E Safety program our focus for the term will be considering the age appropriateness and healthy use of technology and debating what might be considered excessive or obsessive use of technology.