

Maths

This term we shall be doing extensive consolidation of multiplication and division strategies, linking these two very important operations together and working on rapid and accurate recall of both using the White Rose resources.

Using these skills we shall be moving to Fractions previously learnt in earlier years and then using multiplication and division to explore more extensive fractions. We shall be learning about mixed number fractions, comparing and ordering fractions, using and understanding improper fractions and converting these before looking at equivalent fractions.

Much of our learning will be based on Arithmetic skills, which will be essential for the upcoming year. The four operations and formal methods will be our guiding influences, so that children feel confident.

English

We shall be using *The Arrival* by Shaun Tan, a wonderfully illustrated book without words! This allows the children to use their imagination and inference skills. We shall also be using the VIPERS skills to improve vocabulary, inference, prediction, explanation, retrieval and summation using an adaptation of *On The Origin Of Species*.

Both these books are linked to our History and Science topics and link to where our writing will allow us to write from other people's perspective, continue with a story using inference and to use empathy and realisation as the books continue.

We will continue to use dictionaries and thesauruses to support our ever growing ambitious vocabulary and encourage to the children to challenge themselves with this.

Grammar will focus on ensure the correct use of all grammar covered to date, determiners, subordinating conjunctions and the use of semi-colons, dashes and hyphens.

Phonics/Spelling

Spelling Rules for Term 1

Week 1

Ambitious synonyms.

Week 2

Homophones and near homophones

Week 3

Adjectives ending in -ant into nouns

Week 4

Adjectives ending in -ant into nouns

Week 5

Hyphens: To join a prefix

Week 6

Hyphens: To join compound adjectives

History

Our History topic will be asking what the census can tell us about the local area. We shall begin by looking at censuses from 1851 to the present day and using these are used to infer how changes occurred and how people lived in the past.

PE

PE will continue to be covered by our professional coach, in order to deliver high quality physical activity. This term will focus on tag rugby and football skills, using tactical play, possession and teamwork .

We shall also be having Forest School in term 2, which will give opportunity to explore the great outdoors!

Phonics/Spelling

Spelling Rules for Term 2

Week 1

Words ending —able

Week 2

Words ending —able

Week 3

Words ending -ably

Week 4

Word families

Week 5

Word families

Week 6

Science

The topics are Adaptation, Classification, Inheritance, Evolution and Genetics for this term. Will shall be looking at how plants and animals have evolved and using Charles Darwin's *Survival of the Fittest* and *The Origin of the Species* theories.

We will identify Carl Linneus' system of classification and apply this to inheritance and evolution.

Finally, we shall be looking at our own genetics and how we might pass our characteristics on.

Computing

This term will focus on Online Safety and the importance of fully understanding how the internet works, in order to have a better ability of using and storing information on electrical devises.

We will be learning about communication and collaboration. Our learning will cover IP addresses and data packages, as well as digital communication.

DT in term 1

We will focus on exploring tastes and flavours in a *Come Dine With Me* look at nutrition and cookery in DT in term 1.

Art In term 2

We will learn techniques to show movement, perspective, shadows and reflection whilst looking at 2D drawings to 3D making.

Music

Music will include being able to sing from memory with confidence and expression, leaning to sing in harmony accurately. We shall have the opportunity to develop our knowledge of rhythm, composition, understanding of notation and performance.

RE

Our theme will be "Is it more important to express your religion in arts and architecture, or in charity and generosity?" and we shall be comparing three aspects in this—Islam, Christianity and Humanism. We want to engage children to systematic enquiry with a worldwide view.

RSHE

These lessons will encourage the children to think about healthy bodies, and hence healthy minds. We shall be learning about the importance of self-respect and how this links to their own happiness.