

## MATHS

This term our maths lessons will be extended in order to identify and complete any missed learning opportunities from Year 5.

These are the topics we will cover this term:

Number: Place value — comparing and ordering numbers, reading and writing numbers up to 10 million.

Calculation: Multiplication, division, addition and subtraction.

Fractions: Adding, subtracting, multiplying and dividing, ordering and comparing.

Decimals: Multiplying, dividing and converting to/from fractions.

Percentages: Converting fractions to percentages, equivalent fractions, decimals and percentages, percentages of an amount

We will also take part in weekly arithmetic and times tables practice.

## ART

This term our art topic is “Monet and the Impressionists”. We will look at the art movement, and its famous artists. The children will learn the touche technique and produce paintings in the Monet impressionist style.

## SCIENCE

To begin, children will study evolution and inheritance. This will include adaptation of plants and animals and knowledge that living things have changed over time. We will also look at the scientist Charles Darwin. In the second half term our topic is healthy bodies. The children will investigate food groups, diet and how exercise affects the heart. They will investigate muscle activity and how nutrients and water are transported in the human body.

## DESIGN AND TECHNOLOGY

Our topic this term is ‘Burgers’. We will explore different types of burgers and nutrition facts. We will then look at side dishes, sauces and a range of burger buns. They will finally design and make their own burger.

## PSHE

To begin, we will focus on ‘transition’ as children return to us following Lockdown. After this, in order to support the children in their learning, they will first discuss resilience and how they can be resilient in their own work. As part of our mental health and wellbeing focus we will look at pupils self esteem and managing feelings and anxieties especially following the recent events. We will look at how we can maintain positive relationships, making choices and being a responsible citizen.

# Year 6 2020 Autumn Term

## HOMEWORK ACTIVITIES

To help in bringing the topics being studied to life, we have four activities which the children could choose from: some are activities you can do with your child and others they could complete independently.

We are intending to have a homework showcase though we are not able to say whether this will work the same way it has before. If the children would like to share what they have done, they can bring photographs or creations into school in the week commencing Monday 30th November.

- 1) **History:** visit a war memorial/talk to a pensioner or family member about WWI or WW2.
- 2) **Science:** create a family tree
- 3) **Design and Technology:** plan and/or prepare a balanced meal (take a photograph?)
- 4) **Art:** create a Monet style painting

We would also like to stress the importance of children reading at home. This will include them reading to you and *you reading to them*. Sharing books with your child in this way promotes discussion, understanding and a love of reading.

## ENGLISH—Writing

In English this term we shall begin to familiarise ourselves with the Year 6 expectations for writing. We will develop our skills by looking at and writing different genres, including chronological reports, biography, recount, diaries, explanation texts, narrative with dialogue and dilemma stories. We will also have weekly handwriting, grammar and spellings sessions. There will be spellings to practice and learn at home with a weekly test held on Fridays.

## ENGLISH—Reading

In reading we will work on improving our VIPERS skills and apply them using a range of texts. We will also introduce choral and echo reading this term to help improve fluency and comprehension. Focus will be on improving reading speed and stamina in order to prepare for reading tests. Our class reader will be linked to our history topic.

The children will have a reading diary to record books, magazines, newspapers etc. that they have read at home, which will help them to achieve some of their targets.

## HISTORY

Our history topic this term focuses on the World Wars. The children will learn about the sequence of events that lead to WWI and WW2. They will investigate what life was like in the trenches and understand the role of propaganda in wars. We will look at what life was like for Jews living in Germany and become aware of the Holocaust.

## GEOGRAPHY

We will be learning about North America, its countries, and the human and physical features of the continent. The children will investigate and compare climates and explore capital cities of North America. We will look at various time zones and how these compare with the rest of the world.

## MATHS

In maths the children will revise and build on their knowledge of number and place value: what each digit in a number represents and looking for patterns when ordering or sequencing numbers.

Continuing to build on previous learning, they will add and subtract, multiply and divide with three digit numbers and apply this to their problem solving.

Later in the term, the children study statistics, learning how to ...

## Art

During art lessons, the children will study *Journeys* and how these are represented by different artists. This will include aboriginal and prehistoric art and explore different mediums including paint and pencils.

## SCIENCE

To begin, children will study *rocks, fossils and soils*. They will learn what soil is made of, begin to discuss how to identify different rocks and describe how they are formed. During *lights and shadows*, they will identify light sources, how light travels and discuss the function of the eye.

## RELIGIOUS EDUCATION

Over the term, children explore the concept of God. They will be able to ask questions and use stories and metaphors to understand the characteristics of God. The children will then discuss what Christians believe and how they respond to God.

## DESIGN AND TECHNOLOGY

They will look at Photograph frames, investigating freestanding structures and how they are made stable. Children will also be designing and making their own frames using techniques studied to support their designs.

## PSHE

In order to support the children in their learning, they will first discuss resilience and how they can be resilient in their own work. After this, children will consider their own actions and how these can affect themselves and those around. They will think about their own emotions and how to respond to the feelings of others around.

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**2019**  
**Autumn Term**

## HOME ACTIVITIES

To help in bringing the topics being studied to life, we have three activities: some are activities you can do with your child and others they could complete independently. If the children would like to share what they have done, they can bring photographs or creations into school on Thursday 28th November.

- 1) **Visit Birmingham** and discuss what the children can see. Compare the architecture of New Street Station and The Town Hall.
- 2) **Create a model of a prehistoric settlement.**
- 3) **Build a simple shelter or den.**

## GEOGRAPHY

The topic is *Our European Neighbours*. Here, children will improve their map skills, identifying countries and then capital cities of these countries. When looking at the capital cities, the children will first consider the obvious differences, such as architecture of the buildings, that they can see when researching using brochures and the internet, and then consider how these differences may be classified into human and physical features.

## ENGLISH

To begin with, the children will read and base their writing on stories by Roald Dahl, considering the language used by this author.

After this, they will look at instructional texts, revise narrative writing when studying stories from other cultures, letter writing and finally, read and create their own humorous poems.

For each genre, Year 3 will consider the language and structure of the texts and apply their understanding of grammar and punctuation as they write.

## COMPUTING

To begin, children will learn to use emails safely: they will consider the advantages and disadvantages of a computer network. After this, they will use a database to collect, store and organise information.

## HISTORY

Children will learn about prehistoric Britain and order events on a timeline. Exploring the migration of early man, they will find out about early humans and the Palaeolithic, Mesolithic and Neolithic periods and what evidence there is for these people in Britain.

## Music

The children will first consider how you can layer sounds, singing with expression and writing lyrics for a song to fit a given structure. They will then perform simple rhythms, sticking to a pulse, and create a piece of music based on a building site, combining sounds and rhythms.