Year 6 Terms 1 and 2

English

The Firework-Maker's Daughter by Philip Pullman

Hope-O-Potomus by Greg James and Chris Smith

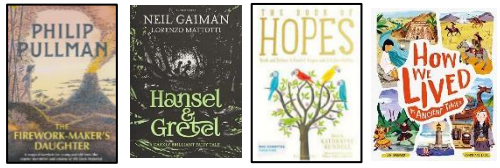
Ensure the consistent and correct use of tense throughout a piece of writing

Assure correct subject and verb agreement when using singular and plural.

Choose the appropriate tone within their writing

Clearly identify and retrieve relevant points and key ideas from different points in a text and across a range of texts

Recommend books to peers, giving reasons for choices.



Hansel & Gretel by Neil Gaiman

How we lived in Ancient Times by Ben Hubbard

Explore characters within a text and understand how actions can convey thoughts and meaning.

Identify and use a semi-colon, colon and dash within a text.

Understand author's vocabulary choices and select appropriate vocabulary that is descriptive and helps to build an image in the reader's mind.

Talk confidently about the purpose of the text and the specific intentions of the author, using examples from the text

Maths

Place Value, Addition, Subtraction, Multiplication and Division

Read and write numbers to 10,000,000

Powers of 10

Compare and order any integers

Round any integers

Negative numbers

Common factors and multiples

Prime numbers

Square and cube numbers

Multiply a 4-digit by a 2 digit number

Short division

Long division

Order of operation

Solve multi-step problems

Fractions and Converting Units

Equivalent fractions and simplifying

Compare and order fractions

Add and subtract simple fractions

Add and subtract two fractions

Add and subtract mixed numbers

Multi-step fraction problems

Multiple and divide fractions

Fraction of amount

Metric measurements

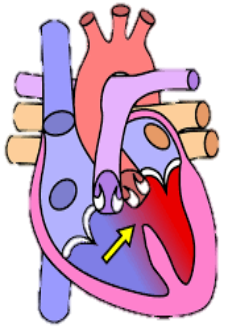
Miles and kilometres

Imperial measurements

Science

Animals including humans

Be able to name and understand the function of the main parts of the human circulatory system (heart, blood and blood vessels)



Draw accurate labelled diagrams

Understand the impact of diet, exercise, drugs and lifestyle on the way bodies function

Understand how nutrients and water are transported around the body

Arteries, capillaries, circulatory system, heart, veins, alcohol, drugs, kidneys, liver.

Electricity

Explain how the number of light cells in a circuit link to the brightness of a lamp or the loudness of a buzzer

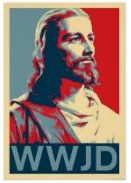
Explain how different components in a circuit function (cells, lamps, switches) and also how they compare

Be able to draw and label circuits using the correct scientific symbols

RE

Gospel – What Would Jesus Do?

Identify features of Gospel texts (for example, teachings, parables, narratives).



Taking account of the context, suggest meanings of Gospel texts studied, and compare their ideas with ways in which Christians interpret biblical texts, showing awareness of different interpretations.

Make clear connections between Gospel texts, Jesus' 'good news', and how Christians live in the Christian community and in their individual lives.

Creation: *Creation and science: conflicting or complimentary?*

Taking account of the context, suggest what Genesis 1 might mean, and compare their ideas with ways in which Christians interpret it, showing awareness of different interpretations.

Show understanding of why many Christians find science and faith go together.

Weigh up how far the Genesis 1 creation narrative is in conflict, or is complementary, with a scientific account.

Year 6 Terms 1 and 2

History

How have approaches to crime and punishment changed throughout the ages?

Make comparisons between time-periods and say why some crime and punishments have changed and why some have stayed the same.

Understand what motivates people to act in a particular way and talk about the consequences of those actions.

Recognise changes in punishment over time and appreciate how this has contributed to the way modern society works today.

Design Technology

Research, design and make a bag using Computer Aided Design technology (CAD)

& Electrical Systems

Children will explore using Computer Aided Design Technology to develop their own ideas and designs.

Children will research different types of bags and their purpose, and then design their own.

Children will investigate, plan, build and evaluate their own steady hand game linked to their learning of electricity in science.

PE

Fitness **Netball**

Gymnastics **Tag Rugby**

In fitness and gymnastics, children will learn different components of fitness including speed, stamina, strength, co-ordination, balance and agility.

In tag rugby and netball, children will consider how they use skills, strategies and tactics to outwit the opposition. Children will use their knowledge of compositional principles e.g. how to use variations in level, direction and pathway, how to combine and link actions and how to relate to a partner and apparatus, when developing sequences.

Computing

3D Modelling

Children will identify how to use a search engine. Describe how search engines select results. Explain how search results are ranked recognise why the order of results is important, and to whom. Recognise how we communicate using technology. Evaluate different methods of online communication.

Art

Street Art and Graffiti

In this unit, children will explore a range of street art and graffiti works by artists such as Banksy and Jean-Michel Basquiat. Children will reflect on the motivations when producing the work and the audience's reactions to it. Children will create their own piece of art based on their own thoughts and opinions.

Geography

Where does our energy come from?

In this unit of work, children will investigate different types of energy before moving onto looking at renewable and non-renewable sources.
Children will then discuss and identify the different energy sources in the UK and the USA before concluding the best energy sources and reasons for this.
Children will then investigate the benefits of solar panels at Egerton Primary and assess their potential locations and the reasons for this.

Music

Dynamics, texture and pitch

Children will:
Engage in discussion about the sounds of an orchestral piece.
Have a selection of varied vocabulary in response to what they hear.
Change dynamics and pitch, differentiating between the two.
Take the role of conductor or follow a conductor.
Change texture within their group improvisation and talk about its effect.
Create a graphic score to represent sounds.
Follow the conductor to show changes in pitch, dynamics and texture.

PSHE

Family and Relationships

Health and Wellbeing

Children will learn the importance of resolving conflict, through negotiation and compromise.

Children will explore the importance of respect, understanding that everyone deserves to be respected.

Children will learn about the process of grief and the associated emotions relating to grief.

French

My Home – Chez Moi

Say whether they live in a house or an apartment and say where it is. Repeat, recognise and attempt to spell up to ten nouns for the rooms of the house in French. Tell somebody in French what rooms they have or do not have in their home. Ask somebody else in French what rooms they have in their home.