



YEAR 4 TOPIC LIST - SPRING 1

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TEACHING ASSISTANT - MRS BIBI



THEME – Our World and What it provides Us !

MATHEMATICS

Multiplication and Division:

- Divide 2 digits by 1 digit
- Divide 3 digits by 1 digit
- Learn and use 2 - 12 times tables
- Factor pairs
- Efficient multiplication
- Multiply 2 digits by 1 digit
- Multiply 3 digits by 1 digit
- Correspondence problems

Fractions:

- Recognise and show, using diagrams, families of common equivalent fractions
- Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.
- Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
- Add and subtract fractions with the same denominator
- Children will be given ample opportunities to use a variety of resources to explore the units this term and investigate different ways to represent their responses.

Area:

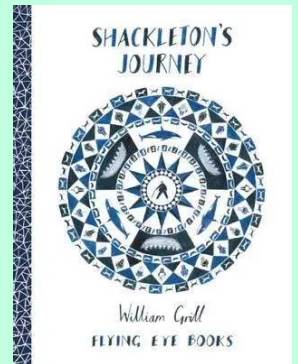
- What is area?
- Counting squares
- Making shapes
- Comparing area



ENGLISH

This half term, our writing activities are based on 'Shackleton's Journey' by William Grill, which is a non-fiction text about the famous explorer. The children will begin by discovering an advert asking for volunteers to join a 'hazardous journey'. They then apply for one of the many roles on Shackleton's expedition. They will then go on to use William Grill's text to find out about the perilous adventure whilst creating interviews in role, writing both formal and informal letters and finally creating their own newspaper report about the events of Shackleton's famous journey.

In reading, they will focus on different comprehension skills including inference skills. We will focus on improving spelling and vocabulary as well as grammar which is embedded in the writing lessons.



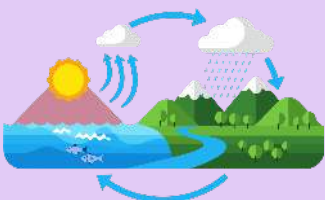
SCIENCE

This 'States of Matter' unit will teach the children about the differences between solids, liquids and gases, classifying objects and identifying their properties. The children will work scientifically and collaboratively to investigate the weight of a gas. Furthermore, they will have chance to find the ideal temperature to melt chocolate. They will explore in-depth how water changes state, exploring melting, freezing, condensing as well as a particular focus on evaporation. This will link to their humanities topic on the stages of the water cycle.



HUMANITIES

This unit focuses on rivers. It introduces the water cycle and, as the key concept is that water flows downhill, looks at mountains, the source of many rivers. It looks at how people interact with rivers as well as their geographical features. A case study features one of the UK's major rivers, the River Thames. Cameos of some of the world's great rivers and mountain environments are included to extend children's geographical general or locational knowledge.



COMPUTING



Online Safety: In this unit, children are introduced to email and other forms of online communication. They will look at how to write and send emails, as well as how to decide if an email is safe to open. They will build on their existing knowledge of cyberbullying and how to deal with unkind behaviour online. The use and importance of privacy settings is introduced, and children will discuss the types of information we should not share online. They will build on the idea of a digital footprint by thinking about how the adverts they see online are targeted at them. Children will finish the unit by using the knowledge they have gained to plan a party using online communication methods.

ARTS



We will be continuing our art unit of Festival Feasts. Children will explore artists who make sculptures of food and develop their drawing skills by drawing from still imagery and from life. Pupils will create a scrptural feast using a range of materials like felt, paper, card, pen, paint, modroc and other modelling and construction supplies.

PHSE & RS

PSHE:

In PSHE, we will be exploring climate change and its impact on the world. Children will consider ways in which they can reduce waste and use environmentally friendly alternatives to help save the planet. They will consider why this is important as Muslims, to look after the planet that Allah has given us.



RS:

In the run-up to Ramadhan, Year 4 will be looking at how other faiths view food and fasting. They will look at the practices of others, considering what we have in common with other religions and appreciating the diversity within our world.



PE



Invasion Games - Tag Rugby

Q. How do you create scoring opportunities?

To play competitive games, modified where appropriate, and apply basic principles suitable for attacking and defending in the context of tag rugby.



URDU



TOPIC: Seasons/Weather

How many seasons?

Names of seasons?

Favourite season

Making statement (about seasons)

Describing the weather e.g. it is snowing today.

Counting numbers + individual target

Read, spell and write Urdu words, read, translate and write sentences.

Arabic



This half term, Year 4 will continue to build on their conversational skills. Children will learn to make simple sentences using nouns and adjectives. They will also begin to use prepositions to show where things are. In the run up to the month of the Qur'an, our Arabic lessons will also include a study of Surah al-Fatihah whereby children will learn what this surah means and make connections with other words they know in Arabic.

In Extra Arabic which takes place on a Tuesday, pupils will be learning the story of Prophet Salih AS and building on their understanding of sentence structure.

Any homework set will be posted on Class Dojo and may often be set on an interactive online portal.

ISLAMIC STUDIES

Seerah: Review of the Seerah

Seerah: The Year of Delegates

Seerah: The Farewell Hajj (A message to Mankind)

Seerah: The Messenger Passes Away (Great Sorrow)

Seerah: Khilafah of Abu Bakr (Disobedience, then Return to Stability)

Seerah: Khilafah of Omar (Spread of Islam, Justice, Fairness)

Seerah: Khilafah of Othman (Prosperity, then Calamity)

Seerah: Khilafah of Ali (A Period of Turmoil)

QURAN



Memorisation: Aal-Mutaffifin and surah Al Infitar

Revision: Focus on revision of all previous surahs from al- Ghashiyah to an-Naas

Recitation: Juzz 27, Easy Quran reading.