

Year 6

Topic List



Class Teacher: Mrs Fiaz

Teaching Assistant: Mrs Qudratullah



**Autumn 2
2020**

MATHS

Negative numbers

We will focus on understanding negative numbers by adding and calculating differences through subtraction.



Shape and measurement

After revising how to calculate the perimeter, area and volume of shapes, we will move on to looking at the area of triangles and parallelograms. The properties and nets of 3D shapes will be investigated too.

Division; fractions and percentages

We will compare fractions, write fractions as improper and mixed numbers, as well as add and subtract fractions with different denominators and write these answers in varied ways.

Using short division, we will express remainders as fractions and then begin to multiply fractions by whole numbers.

Please keep an eye on Class Dojo for models.

SCIENCE



Science: In this 'Living Things and Their Habitats' unit, the children will learn about **classification of living things, including micro-organisms.**

They will sort animals into groups based on their similarities and differences using the **research of Carl Linnaeus** to explore this system deeper. The children will have the opportunity to design their own 'curious creature' and **conduct investigations** into the growth of mould on bread to understand microorganism growth. This will help the children to create a field guide of living things in their local area.

PE



- Understand the importance of a healthy life-style.
- Develop control and dribbling skills.
- Apply skills in adapted games and begin to explore **principles of possession.**

ENGLISH

Fiction: Eye of the Wolf



The children pay close attention to how an author has conveyed a story through an animal's viewpoint about human intervention. They will try to use this model and class discussion to compose their own scene from an animal's perspective.

Word Detectives

In this unit, the children will investigate spelling patterns and generate their own spelling rules for homophones, silent letters and trickier suffix endings.

Grammar

There will be revision of key grammatical terms such as subordination and co-ordination, types of clauses and the importance of cohesion. We will progress into using advanced punctuation such as colon, semi colons and hyphens for lists and to mark boundaries between clauses.

HUMANITIES



Humanities: In this Geography unit, we will explore the question, "**Where Does our Stuff From?**". Using atlases, the children will find out about **how goods and services are traded** around the world with the UK. Through a more detailed look at one of the UK's trade partners, the children will learn about **the benefits of trading internationally**, as well as the risks to this area. The children will also learn about **fair trade and why it is important in a global market**. They will study the **geographical and physical characteristics** of the countries that the UK trades with and the impact the environment can have on **developing countries** and their economy.

URDU



Clothes/Libaas/Kapray

Comprehension activities related to the topic. Make statements about clothes, Favourite clothes, winter and summer clothes.

COMPUTING

Website creation - Pupils will create their own HTML website.



Pupils will learn how to use various commands and features in order to bring to life their first website.

PSHE & RS

PSHE: Relationships; VIPs



Children will learn techniques to keep our relationships with our VIPs strong, kind and respectful. They will learn conflict negotiation and how to support themselves and others in times of need.

RS: Judaism

Children will understand the significant teachings and values held in Judaism, specifically: **Yom Kippur, Sabbath and connection with food.**

ART/ D&T

Super Seasonal Cooking



Linking with Geography, the children will learn about **the importance of buying seasonal food and understanding where, when and how** a variety of ingredients are grown, reared, caught and processed.

They will sample some seasonal food and then design their own balanced seasonal meal before preparing and cooking it using **strict hygiene rules for safe preparation skills.**

ISLAMIC STUDIES



1. The Farewell Sermon: A Message to All Humanity (10 AH)
2. The Messenger Passes Away: A Legacy for Mankind (11 AH)
3. Khilafah: An Issue of Succession
4. Khilafah of Abu Bakr: The Battles of Ridda (Apostacy) (11 AH)
5. Khilafah of Omar: The Spread of Islam (13 AH)
6. Khilafah of Othman: Prosperity, then Turmoil (24 AH)
7. Khilafah of Ali: The Last of the Rightly Guided

QURAN

Memorisation: Individual memorisation program

Revision: Individual revision program

Recitation: continue from Surah al-Baqarah

Tajweed Rules:

> The letters of Qalqalah: ق ط ب ج د



ARABIC



1. Pupils using Mastert Arabic text book, Kitabi text book and pre GCSE book الرفيق
2. To learn common Arabic communication phrases to be used at school and home
3. Pupils to review basic Arabic topics like greeting - days of the week - Numbers Adjectivesetc
4. Pupils to describe their school and school friends.
5. مدرستي صغيرة - كبيرة
6. Pupils to practise Arabic grammar to learn about Nouns - and 1, 2 & 3 person pronouns.- ضمير المتكلم - المخاطب - الغائب
7. -Pupils to learn how to use attached pronouns "my - his - her n with nouns to indicate possession.
8. To learn Adjectives صغير .. عزيز.
9. To practise listening to Arabic dialogues and Nasheed.