

Year 4

Topic List



MANCHESTER
MUSLIM
PREPARATORY
SCHOOL
FAITH • LEARNING • LIFE

**Class Teachers: Ms Hatahet and Mrs
Khanam**

**Theme:
Water**



**Spring 1
2022**

MATHEMATICS

- Explore different formal and informal methods to multiply and divide.
- Investigate factor pairs and mental calculations.
- Find the area of rectilinear shapes by counting squares.
- 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 100 and dividing tenths by 10.
- 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.

COMPUTING

Introduction to Scratch -This half term Y4 students will be introduced to Scratch, a visual programming language using blocks. Students will be creating their own stories and be able to put into practice their computational skills developed so far. As students design Scratch project, they will learn to think creatively and reason systematically.

PE

Selection and precision - Adjusting power and technique in accordance with distance of a target.
Applying catching and throwing skills in a scored game.
Understanding why healthy-life style and physical fitness is important.

Basketball/Netball

Recognising different positions within a team and understanding why we do not always chase the ball.
Developing skills used in netball/basketball and applying them in modified games.

ENGLISH

- Fiction: In this unit, the children explore fantasy fiction. They read the interactive eBook, asking questions and developing understanding of inference. They use drama to explore characters and suspense. They develop editing and proof-reading skills. They plan, edit and write a new episode of the fantasy story they have studied

- Non-Fiction: In this unit, the children explore the Big Question: What is the world's most incredible sport?

They read the interactive eBook, finding information and distinguishing between fact and opinion.



They answer the Big Question, planning and writing their own newspaper report.

- Grammar Place
- Comparative and Superlative
- Multi-clause Sentences
- Using Commas with Fronted Adverbials
- Apostrophes to Show possession
- Plural and Possessive '-s'

QURAN

Memorisation: Surah al-A'laa

Revision: From al-Ghashiyah to an-Naas

Reading: Read from Qaidah books based on individual reading levels or from the Quran based on continued assessment.

ISLAMIC STUDIES

Seerah: The Year of Sorrow (Reliance on Allah)

Seerah: Al-Isra' and Al-Mi'raj (Renewed Hope)

Seerah: The Pledge at 'Aqabah (Promise of Protection)

Seerah: The Hijrah (Permission to Emigrate)

Seerah: Life in Medina (Muslim Brotherhood)

Seerah: First Constitution: A link to modern life (Justice, Fairness & Security)

SCIENCE & HUMANITIES

Sort materials into solids, liquids and gases.

Explain that heating causes melting, and cooling causes freezing.

Identify the melting and freezing point of water.

Describe evaporation and condensation using practical examples.

Describe the effect of temperature on evaporation referring to their investigation.

Identify the stages of the water cycle.

Predict what will happen in an investigation and make observations.

HUMANITIES

Rivers and The Water Cycle

This unit focuses on rivers, providing excellent opportunities for fieldwork and school-based practical work that children love. In addition, the unit looks at mountains, the source of many rivers, and is underpinned by the water cycle. It looks at how people interact with rivers as well as their geographical features. A case study of one of the UK's major rivers, the River Thames, is featured but Teachers may prefer to use a local river or local stream for this work, adapting the ideas given. Cameos of some of the world's great rivers and mountain environments are included to extend children's geographical general or locational knowledge.

ARABIC

Pupils to learn from text books Kitabi (My book 5) & (Al Arabiyah bayna yadayk) about the following topics :

Pupils to learn about (Transport)-to name different modes of transport- To say why they prefer a mode of transport

Pupils to learn Events Around us (Ramadan ,Mother day)- discuss the big events - learn congratulations expirations.

رمضان -عيد -عيد الام

Pupils to practise using Adjectives- Demonstratives - learn Rules of using because , like and dislike.

DESIGN TECHNOLOGY

Let's Fly a Kite

Develop our understanding of frame structures.

Discover information about key events.

Gain knowledge and understanding about the parts and shapes of kites.

Test and evaluate our own kites against design criteria that we will have created.

URDU

Seasons/weather (Moosam)

How many seasons? Names of seasons/ weather, favourite season. Making statements about (seasons/weather), describing the weather e.g. it is snowing today.

Read, translate and write Urdu words and sentences. Counting numbers + individual target.

PSHE

Relationships

Pupils learn about: forming and maintaining friendships

RS: Caring For the Environment

To explore how people of different beliefs understand care of the planet