

**Year 5**



# Topic List

**Class Teacher: Mrs Benashur**

**Teaching Assistant: Mrs Qudratullah**



**Spring 2  
2021**

## MATHS

### Multiplication and Division



Use a written method (grid) to multiply pairs of 2-digit numbers; use short division to divide 3-digit numbers by 1-digit numbers, including those which leave a remainder.

Find unit fractions and non-unit fractions of 3-digit numbers; use short multiplication to multiply 3-digit numbers by 1-digit numbers; begin to use short multiplication to multiply 4-digit numbers by 1-digit numbers.

### Fractions

Place mixed numbers on lines; count up in fractions using equivalence; convert improper fractions to mixed numbers and vice versa; write improper fractions as mixed numbers and vice versa; multiply proper fractions by whole numbers.

### Addition & Subtraction

Solve subtraction of 4-digit numbers using written column subtraction (decomposition); add several numbers using written column addition; use column to solve problems.

### Geometry

Understand what a polygon is; draw polygons using dotted square and isometric paper; revise terms obtuse, acute and reflex angles, perpendicular and parallel sides; recognise quadrilaterals as polygons and identify their properties; classify quadrilaterals; draw regular polygons and explore their properties; revise metric units of weight, capacity and length; understand that we can measure in imperial units and relate these to their instances in daily life.

## ENGLISH

### Non-Fiction

In this unit, the children explore the mission: to run the Museum of Fun! They read the interactive eBook, scanning and summarising information and relating it to their lives and experiences. They complete the mission, planning, writing and presenting television adverts to encourage people to visit the museum.

### Word detectives

Children take on the role of word detectives to investigate spelling patterns and generate their own spelling rules.

### Grammar

We will be focussing on commas for clarity.

## SCIENCE & HUMANITIES

**Earth and space:** This unit is the only Astronomy related science unit in the primary science curriculum. The aim is to give children a basic overview of Earth and its place in our Solar System.

### Humanities:



Are we damaging our world?

In this unit, the children will consider if we are damaging our world and how we can protect it. The children will investigate energy production, the oceans and minerals, as well as conducting an enquiry into how the school can become more sustainable.

## ART



This 'The Seaside' unit will teach your child how to use pen and colour, how to print, weave and make lanterns to create quality artwork that shows progression in skills. The children will also have the opportunity to explore the work of 'The Seaside' artists Alfred Wallis and Hokusai.

## ISLAMIC STUDIES

Adab & Akhlaq: Five Main Strands of Deen Revisited

Adab & Akhlaq: Rights of Neighbours

Adab & Akhlaq: Rights of the Sick

Adab & Akhlaq: Caring for the Environment

Adab & Akhlaq: Animal Welfare in Islam



## URDU

Topic: Homes: 'Ghar'

Comprehension activities related to the topic, read, translate and write sentences, simple aspects of grammar and how to apply them, different types of houses, household items, bathroom accessories, kitchen appliances



## PE

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.

## PSHE

This unit aims to encourage children to think about how money is used in the wider world. They will discuss the possible consequences of taking financial risks and identify ways to avoid these. Children will also learn about influences advertisers try to use to encourage us to spend our money and how to see the real value of products by being critical consumers. Having learned about ways we can spend money, children will also learn about budgeting and discuss what happens if people cannot afford what they need to buy. Through this unit of learning, children will also have the opportunity to discuss how our earning and spending can contribute to society through the payment of tax.



## QURAN

- **Memorisation:** Surah at-Takwir
- **Revision:** Previous surahs
- **Recitation:** continue reading from surah al-Baqarah page 29.
- **Tajweed Rules:** Idgham and Ikhfaa



## COMPUTING



Starting with online activities to support the development of computational thinking . Then move on to Animation on Scratch - This half term we focus on improving our programming skills and computational thinking by revisiting Scratch. Students will take part in an online project and be able to learn about main programming construct, as well as practice them using the block based visual programming language.

## ARABIC

- Pupils to learn from text books

( Kitabi , Al Arabiyah bayna yadayk - Master Arabic)about the following topics:-

- Writing letters :pupils to learn how to write short message ,emails in Arabic to their friends and relatives

- Environment: pupils to learn the related words / verbs to be able to write and talk about the Environment to learn famous verses about protecting the Environment.

ممنوع التدخين - لاترمي القاذورات - ازرع شجرة

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

رمضان - عيد - عيد الام

- Pupils to practice Arabic grammar to learn Adjectives- imperative verbs .

الصفات - فعل الأمر .

