Topic List: Year 5

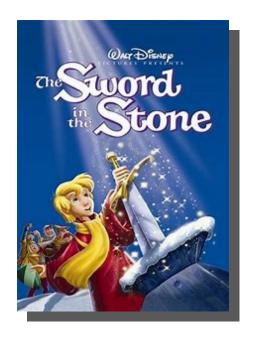
Term: Summer 1 2024



Class Teacher- Mrs Rahimi
Mrs Jannath
Teaching Assistant - Miss Iman

#### **Theme**

# Were the Dark Ages really dark?







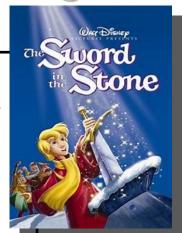


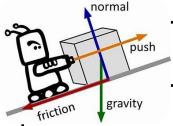
In our English topic we will explore the book, 'Sword in the Stone' and use this to inspire our own writing. We will be given the opportunity to revise various genres of writing by writing a letter of advice, a diary entry, dialogue, character and setting description, action scenes and an obituary. Finally, we will end our unit by writing a short narrative recapping grammar features such as relative clauses, adverbs (degrees of possibility), modal verbs, adverbials of time and tense choices.

# S acute right obtuse straight

We will continue with our decimals topic by adding and subtracting decimals. We will explore decimals with the same and different number of decimal places. In addition to this, we will explore problem solving with adding and subtracting decimals as well as investigating decimal sequences. Finally, we will look at multiplying and dividing decimals by 10, 100 and 1000.

Our next topic will be exploring properties of shape, focusing on measuring angles with a protractor, calculating angles and comparing triangles and quadrilaterals. We will also look at regular and irregular polygons as well as problem solving and reasoning with 3D shapes.





## Science

We will continue and conclude our topic 'Properties and Changes on Materials' and begin our new topic 'Forces'.

This 'Forces' unit will teach the children about types of forces such as gravity, friction, water resistance and air resistance. Children will also learn about the use of mechanisms such as levers, gears and pulleys. The children will identify forces and find out about Isaac Newton and his discoveries about gravity, completing a comprehension about his life and his work. The children will look for patterns and links between the mass and weight of objects, using newton meters to measure the force of gravity. They will also work collaboratively to investigate air and water resistance, participating in challenges to design the best parachute and boat. They will have the opportunity to work in a hands-on way to explore friction, developing their own brake pad for a tricycle or scooter. During some of the practical science work, the children will discuss how variables other than the one being tested can be kept the same to help make a test fair. Finally, they will find out about different mechanisms, including levers, gears and pulleys, and will design their own marvellous machine.

Computing

**Coding with Scratch: Developing Games** 

In this unit about Coding with Scratch:
Developing Games, children will learn how to
design their own backdrop with increasing
complexity. They will also learn how to code a
sprite to move when certain keys on a
keyboard are pressed. Children will also
become familiar with if, then statements to
create conditions with a game.





### Outdoor and Adventurous – Orienteering

Q. What makes a good leader?

To take part in outdoor and adventurous activity challenges, both individually and within a team, in the context of orienteering





This Marbulous Structures unit gives children opportunities to their understanding of more complex free standing structures and how they can be strengthened and reinforced. Children will gain knowledge and understanding about how to join and shape materials. Children will then apply these skills, using an iterative design process, to create their marble runs. Finally, children will test and evaluate their marble runs against design criteria.

## History

In our History unit this half term, we will explore the question: were the dark ages really dark? We will compare this time across the world and investigate how the Islamic Civilisation flourished and influenced other parts of the world. As always, we will develop our historical skills such as exploring and questioning sources of evidence, asking

relevant enquiry questions and making comparisons across civilisations.

### PHSE & RS

This PSHE unit is inspired by the idea that we are all individuals and that it is important to 'be yourself'. It aims to encourage the children to develop a positive view of themselvess and enable them to recognise the importance of being proud of their individuality. In this unit, children focus on the importance of recognising situations where they need to make positive choices in order to do the right thing. They also explore how to avoid being led into tricky situations and how to recognise and respond to peer pressure. The unit will also look at how to be confident and how to manage uncomfortable feelings. The unit ends by helping the children to investigate how to make things right when they make a mistake.

This RS unit on forgiveness will explore what is meant by forgiveness and the role forgiveness plays in world religions. Children will learn about Jewish beliefs about forgiveness, finding out more about Yom Kippur with a focus on the objects used and what Jewish people do at Yom Kippur. Children will also develop an understanding of Buddhist beliefs about

forgiveness, reflecting on how the Eightfold Path influences Buddhists in their approach to forgiveness.



### Arabic

Topic: Topic: My school مدرستي Pupils to revise the name of school subjects – to write about their favourite subjects and say why- -----المادة المفضلة لدي----

Pupils write a short description about school uniform- Learn about School rules

ممنوع لبس المجوهرات -و الكعب العالي express their opinions

Topic: Transport وسائل النقل و المواصلات Pupils to name different types of transport - To describe how they go to school - to say why you prefer a mode of transport- To use imperative and learn directions يسار – يمين – شرق - غرب



# Urdu

#### Topic - Homes/kitchen - Ghar

Making statements about homes. Read, translate and write sentences related to the topic. Punctuation, singular/plural.





#### Islamic Studies



- Akhlaq: Rights of the Sick
- Akhlaq: Care for the Environment
- Akhlaq: Treatment of Animals
- History: Dawood (as)
- <u>History:</u> Suleiman (as)
- Akhlaq: Pride and Envy



### Quran



**Memorisation: complete Surah** al-Infitar, surah at-Takwir

**Revision**: From al-Mutaffifeen to an-Naas

**Reading**: Read from the Quran based on individual continued assessment.

