

## English

Our first learning journey book for English is called ‘The Man who walked between the towers’ by Mordicai Gerstein. This book is based on a true-life event of Philippe Petit who in 1974 tied a rope between the Twin Towers and walked across them. The children will be writing a narrative which retells the story of Philippe. We will also look at writing dialogue to convey a character’s emotions and move the story forward.

Our next learning journey book is called ‘Floodgate’ by Alistair MacLean. This will link to our geography of renewable energy. The children will be writing a setting description of one of the flooded places.

In guided reading, we will be using the book ‘Floodgate’. We will be continuing to develop our skills of retrieval, inference and summarising through a range of activities.

## Parent Information

In Year 6 our PE days will be Monday and Thursday, children will need to come in wearing the appropriate PE kit. Both sessions will be outdoor PE. Polite reminder: bike ability is on the 20<sup>th</sup>, 21<sup>st</sup> and 22<sup>nd</sup> January.

Every week, spellings will be sent home on Thursday. These will need to be learnt for a spelling test the following week. LbQ home learning will also go home every other Thursday and they have two weeks to complete it.

Ensure children are reading independently and to another adult at least five times a week and ensure this is recorded in their home learning planner. Children will also need to regularly practise their times tables using TTRS.

We run weekly homework club on Monday lunchtimes to support children with their LbQ. Children are able to drop into these sessions – please encourage your child to attend these sessions if they need help with their home learning.

## Music

Our unit after half term is based on ‘fast machines’. This unit will focus on reading stave notation for both duration and pitch. The children will also have an opportunity to compose and write onto a stave.

# Year 6 Spring Term 1

## Science

How did evolution happen?

What is natural selection? For science we will be continuing to investigate different theories of evolution by Darwin and Lamarck

We will be exploring the concept of natural selection and how Darwin drew his conclusions. Furthermore, we will investigate inheritance and explore which traits are inherited. The children will have an opportunity to practice a range of disciplinary knowledge.

How can electrical circuits be controlled?

In science, we will be investigating the key terms ‘resistance’, ‘voltage’ and ‘current’. We will carry out investigations to examine the effect more resistance has on an electrical circuit, drawing conclusions to establish what happens to battery power over time. Other variables we will test include finding faults in circuits and using types and lengths of wire.

## RE

For RE, we will be studying the importance of ritual in the Islamic faith. We will investigate what it is like to be a Muslim today.

## Maths

We want to be fluent when using the four operations of addition, subtraction, multiplication and division. Every Monday will have an arithmetic focus. Retrieval tasks for the rest of the week consolidate this so we can move the knowledge into our long-term memory.

Once a week, we will have a non-routine problem-solving lesson. This will allow us to unpick how to solve more complex questioning using methods that work for us as individuals. There is no fixed way to answer these questions.

Consolidating our knowledge of fractions by ordering and comparing them is a key focus area for us as a year group. We will also be adding, subtracting, multiplying and dividing fractions with different denominators. Times tables knowledge is crucial for the topic of fractions, decimals and percentages so please keep practising these at home using TTRS.

## Geography

Our new geography unit will focus on answering the key question: ‘Where does our energy come from?’ We will look at sustainable energy sources and evaluate the effectiveness of them. The children will be designing their own town which can only be powered through renewable energy sources. They will need to present their towns to their peers.

## PSHE

During PSHE we will be looking at how to keep healthy and stay safe. Children will examine the dangers of alcohol and the negative effects it can cause. They will continue to look at the importance of online safety.

## PE

Our Monday PE sessions will focus on fitness, exploring stamina, agility and strength. Our Thursday PE sessions will focus on netball. We will be looking at effective passing and shooting skills.

## Art

We will be completing a unit of work entitled ‘Making my voice heard.’ This will enable children to develop their skills in sketching and drawing.