

KEY VOCABULARY

Friction	A force that holds back the movement of a sliding object
Resistance	A force whose direction is opposite to the sum of the other forces
Magnetic Field	The area around a magnet where there is a magnetic force
Streamlined	Provides very little resistance to a flow of air.
aerodynamic	A shape which reduces the drag from air moving past
Gravity	A natural force by which all things with mass are brought towards one another
Force	An interaction that will cause a change in the motion of an object
European Union	Political and Economic Union of countries in Europe.
meridian	An imaginary line that runs from the North to South poles.
latitude	Imaginary lines that run around the Earth, either side of the Equator.
longitude	Imaginary lines that run from the North and South Poles, either side of the Meridian.
hemisphere	Halves of the Earth split by the Equator – Northern hemisphere and Southern hemisphere.

SPRING 2 2024

We have completed half of the school year already! We have an exciting half term ahead of us with World Book week and day, Swimming sessions and build up to Tower Wood.

PE lessons will take a different format this term with the children attending an intense, two-week programme of Swimming lessons beginning on the 26th February (please see letter sent home for details).

PE lessons will also continue on a Tuesday with the children continuing Gymnastics sessions. If you have any further questions, please do not hesitate in speaking to Mr Stanton or Mrs Holt before or after School.

KEY KNOWLEDGE

This term the children will be following the following topics.

Science – In our Science lessons, we will be looking at gravity and the reason objects fall to the ground at different speeds. We will identify the effects that varying resistances have on this movement. We will also be studying levers, pulleys and varying mechanisms that increase the effect of smaller forces.

Geography – Across this half term, we will be studying Europe as a continent and comparing and contrasting Greece with the United Kingdom. We will also be refreshing our knowledge of geographical terms, which will help us with these comparisons.

THIS HALF TERM WE ARE READING

During this half term we will be getting creative and writing stories about inventions. We will be drawing inspiration from our class novel, 'The Invention of Hugo Cabret' by Brian Selznick.

Please could you encourage your child to read each evening? The children still need to read to an adult to help with comprehension skills and word understanding but can also read independently to broaden their vocabulary. Each time they read, please note progress in their homework diaries.

SPELLING FOCUS

rule/suffix	examples
Building words from root words using the suffixes -ly and -ous.	Clumsily, ferociously, hazardous, adventurous
Word endings spelt -tion, -sion, -ssion and -cian.	occupation, revision, compassion, optician
Words with the /u/ sound spelt ou	courage, trouble, young, couple

KEY MATHS SKILLS

This half term the children will be developing their skills in the following maths units:

- Geometry (angles)
- Fractions
- Geometry (shape)
- Measurement (volume)
- Statistics
- Problem solving including bar modelling.

We will continue to focus on the speed of multiplication/division recall, with a particular focus on missing number problems. This skill is imperative to enable the children to access the rest of the curriculum. Please encourage