



Gusford Primary School Curriculum Information

Year 6 - Autumn 2

Kindness

Honesty

Respect

Confidence

Responsibility

English

In English, we will be focusing on a ghost story called Thornhill. Within the fictional part of our unit, we will be focussing on character description and developing our use of vocabulary. We will look at character traits and personalities as well as the physical attributes. The non-fiction section of our unit is a persuasive letter using Scrooge as a stimulus, where we will use this to develop our use of formal, mature language and the sentence structures needed to persuade. For reading sessions, we will be reading Freedom by Catherine Johnson. This book follows a boy, who is a slave, on his journey to attempt to find freedom.

Maths

In maths, we will be continuing our learning about addition, subtraction, multiplication and division that we started last half term. We will perfect our methods for long multiplication and long division and apply our methods to solving problems. After this, we will begin studying fractions, including using the four operations with fractions. We will work on finding equivalent fractions, simplifying fractions, ordering and comparing fractions as well as solving problems involving fractions and finding fractions of amounts. We will end the half term by looking at measures, including converting units of measure.

Science

Within Science, we will be learning about electricity. This involves practical experiments, working out what makes a circuit work and being able to explain this. This unit also includes investigations where we investigate questions such as how to make the bulb brighter or a motor spin quicker. We will also learn the symbols associated with the circuits and how to draw them scientifically. We will use crumble kits to include our programming skills in our learning and then plan and conduct fair experiments. This learning is then used in our DT topic at the end of the half term to make a working mechanism.

What can you do at home?

Can you find fractions at home in real life? What about when you share a doughnut between 3 family members? What fraction would you get if you shared 2 doughnuts between 3 people?
Investigate slavery. Is there slavery around today? In what form?
Which mechanisms can you find in your house? How do they work?

What can you do out and about?

If you travel to the coast, look out for any signs of erosion or any measures that have been put in place to stop erosion.
Visit a church before Christmas and notice how they decorate the church, the songs and stories.

Geography

In geography, we will be studying coasts and coastal erosion. We will learn about the key features of coasts and how they are formed. We will learn about how erosion happens and link this to our trip to Walton on the Naze last half term. We will study different methods used to try to prevent erosion and the impact erosion can have on the coastline and on communities.

DT

In DT this half term, we are designing buggies. This is taught as a block at the end of the half term and uses our knowledge of electricity from Science lessons to build a circuit to make a working mechanism in a buggy. Pupils work in pairs to design a buggy of their own dimensions, thinking about the specifics of their vehicle and its use. We use measuring, sawing and gluing techniques to make a wooden chassis and then design a casing for their vehicle.

RE

Within religious education, our focus for this half term is Islam, with a particular focus on the concept of tawhid (pronounced tor-heed). We will work towards answering the question: 'How does tawhid create a sense of belonging to the Muslim community?'. We will learn about the concept of tawhid, which is linked to monotheism and the idea of Allah being the one true god for the Muslim community.

PSHE

In PSHE, we will be studying families and relationships. We will focus on respect, including how we should be respected, and that everyone should expect a certain level of respect. We will discuss stereotypes and think about how these can influence our opinions. We will also consider conflict, including strategies we can use to resolve conflicts in a variety of situations.

Spanish

In Spanish, we will be learning all about 'Yo en el mundo' - Me in the world. We will learn about other countries around the globe that speak Spanish. We will also learn about the currencies, flags, cultural celebrations and traditions of those countries. This is a great chance to recap all of our learning so far about key ideas such as introducing ourselves, numbers and colours.

Computing

This half term in computing, we will be learning about the history of computing. We will learn about the evolution of computers and how they have impacted the world around us. We will also learn about the impact of codebreaking at Bletchley Park during WW1. As part of our ongoing Project Evolve work on online safety, Year 6 will be exploring online self-image and identity.

Music

In music, we will begin with the topic of Shadows, based around the piece by violinist Lindsey Stirling. As an artist, she creates music that is a fusion of country, electronic dance music (EDM), and rock. We will then move on to composing music for protest, inspired by Ethel Smyth and the suffragette movement and creating our own lyrics and rhythms.

PE

In PE, we will be focusing on the sports of gymnastics and hockey. In gymnastics, we will develop our understanding of compositional principles (e.g. variations in level, direction and pathway, combining and linking actions and using apparatus) to develop sequences. In hockey, we will practice working tactically within our team to attack and defend effectively and be accurate with our passing. **Our PE days this term are Monday and Friday.**