

English



Vocabulary
Infer
Predict
Explain
Retrieve
Summarise



During this half term, we will be reading and immersing ourselves in the text "Street Child" by Berlie Doherty. You will remember we read her story "Treasure" in Year 5, so we will be able to make some links and comparisons.

Throughout this unit, we will be developing our reading skills, including summarising the gist of a section of text, working out the meaning of vocabulary in context and using evidence to back up impressions we get from the text. In writing, we will write for a range of purposes, including character and setting descriptions, non-chronological reports, biography, diary and poetry.

Autumn 2 - Year 6

Computing – Online Safety and Spreadsheets

Why do I need to be aware of the dangers of being online?

Although the Internet is a brilliant resource for learning and entertainment some people use the Internet to cause you harm. Being aware of these dangers can help keep you safe and protect your privacy.

What is meant by my digital footprint?

The term digital footprint is used to describe the traces that people leave behind when they have visited a website or used social media. Your digital footprint is unique to you.

Why is it important to think about how much time use a screen for?

Using a screen can help you surf the Internet or enjoy computer games but you need to be careful how much time you spend using a screen. For instance, using a screen at night can damage your sleep patterns. Turn your screen off regularly and enjoy the world outside.

Maths

Fractions

Equivalent fractions and simplifying
Equivalent fractions on a number line
Compare and order (denominator)
Compare and order (numerator)
Add and subtract simple fractions
Add and subtract any two fractions
Add mixed numbers
Subtract mixed numbers
Multi-step problems
Multiply fractions by integers
Multiply fractions by fractions
Divide a fraction by an integer
Divide any fraction by an integer
Mixed questions with fractions
Fraction of an amount
Fraction of an amount - find the whole

Measurement – Converting Units

Metric measures
Convert metric measure
Calculate with metric measures
Miles and kilometres
Imperial measures



PE – Swimming and Fitness

Children will take part in a range of fitness challenges to test and record their scores. They will learn different components of fitness including speed, stamina, strength, coordination, balance and agility. Children will be given opportunities to work at their maximum and improve their fitness levels. They will need to persevere when they get tired or when they find a challenge hard and are encouraged to support others to do the same. Children are asked to recognise areas in which they make the most improvement using the scores they have collected.



History - Revolution! (The Victorians and the Industrial Revolution)

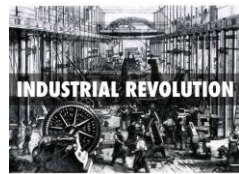
Queen Victoria

Victoria was born in 1819 and became queen in 1837. She married her cousin, a German prince called Albert, in 1840. They had nine children. Queen Victoria reigned for 63 years. During that time, Britain became the most powerful country in the world. Its empire spread across the world, the population more than doubled and industry expanded. Queen Victoria became well-known for her high moral standards. Prince Albert died in 1861 and Queen Victoria was so grief-stricken that she wore black mourning dress for the rest of her life.



Industrial Revolution

The Industrial Revolution was a time of great progress when machines began to do the work that had been done by hand. Mills and factories full of new machines produced more goods than ever before. Coal was mined in vast quantities to feed the newly invented steam engines and people moved from small farming communities to large towns to find work. Many business owners became incredibly rich but workers suffered because working conditions were dirty and dangerous. Laws to protect workers were passed during the Victorian era to make working conditions safer.



Rich and poor

There was a huge difference between the lives of the rich and poor in Victorian times. Rich Victorians lived in large, comfortable houses with servants and children were looked after by a nanny. Poor people often lived in cold, damp houses in areas called slums. Poor children were sent out to work because their families needed money. Very poor people with no home and no money were sent to the workhouse, where they had to live and work in terrible conditions.



Music – UpBeat!

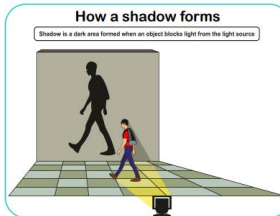
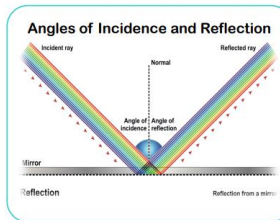
This year, we have the exciting opportunity to learn to play the trumpet.

This term we will also develop our general musical skills, including rhythm, pitch, memory, the ability to keep a pulse and coordination. We will use our creativity in making our own improvisations, singing within the class and developing our performance skills. We will develop our pitching skills and learn to sing/play in two parts within the group.

Science – Light

This unit will help you understand how light travels, as well as exploring how the path and colour of light can change. A key focus is lenses, and how lenses in our eye, in cameras and in can change the way we view an object.

It is important to think about how lenses are used in research and industry, which is why many of the activities in this unit will help you build your own lenses or observe objects through a lens. We take light for granted, but it is amazing how it moves, reflects and change .



Key Word	Definition
transparent	An object or material that allows light to pass through easily.
opaque	An object or material which doesn't allow light through.
translucent	An object or material which allows some light to pass and scatters light rays.
magnify	To make an image larger.
angle of incidence	The angle made by a light ray as it strikes a mirror.
angle of reflection	The angle made by a light ray as it reflects off a mirror.
lens	A transparent material which changes the direction of movement of light.
refraction	The action of distorting an image by viewing through a medium.

Autumn 2 – Year 6

Spanish – Where I live, Where you live!

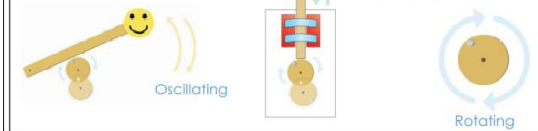


I can read and give the names for the rooms in a house.
I can write descriptive sentences using colour and size to describe a house. (Inc. Spooky house and space house)
I can talk about my daily routine at home in Spanish

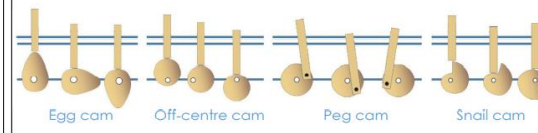
Design and Technology

Designing and making a Victorian toy using cams.

Types of movement

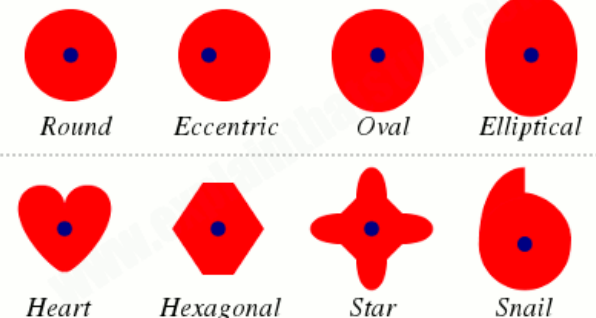


Types of cams



www.explainthatstuff.com

Some common types of cams



RE

How significant is it that Mary was Jesus' mother?

People are chosen for tasks for a range of reasons. Some are good reasons and reflect their personal qualities, others like popularity, are less important. Mary was young, pure, a virgin and an ordinary girl. Joseph thought Mary was not a virgin and was going to break off the engagement. After the Angel visited him he realised that what was conceived was from the Holy Spirit. The importance of her being a virgin made it obvious the child was not of man. Incarnation means God in human form. If Jesus hadn't been sent to earth in this way, Jesus would not have been both God and man. He would have just been God as he wouldn't have taken on human body (through birth). A virgin was chosen so that it was obvious Jesus was not just human but also God. The incarnation means that Jesus is God on earth in human form. Other Christian beliefs that rely on Jesus being both human and God include miracles and resurrection. The virgin birth was used to show Jesus being God, humble and here for everyone. Mary was an ordinary woman, without high standing in society.

PSHCE – Celebrating Differences

Understand there are different perceptions about what normal means empathise with people who are different
Understand how being different could affect someone's life be aware of my attitude towards people who are different

Explain some of the ways in which one person or a group can have power over another know how it can feel to be excluded or treated badly by being different in some way

Know some of the reasons why people use bullying behaviours tell you a range of strategies for managing my feelings in bullying situations and for problem-solving when I'm part of one

Give examples of people with disabilities who lead amazing lives appreciate people for who they are

Explain ways in which difference can be a source of conflict and a cause for celebration

Show empathy with people in either situation