

Work to be covered in the Autumn Term by Y6.

This information has been provided so that you are fully aware of the work your child will cover over the term.

We hope that it will also enable you to support your child at home in their studies.

If there is anything contained within this leaflet that you don't understand, please contact your child's class teacher.

Numeracy:

- Learn to read and write numbers to 10,000,000
- Partition, compare and order numbers up to 10,000,000
- Round numbers
- Work with negative numbers
- Use formal written methods for addition, subtraction, multiplication and division
- Find common factors and multiples
- Identify prime, square and cube numbers
- Use BODMAS to solve calculations
- Simplify fractions
- Compare and order fractions
- Add and subtract fractions including mixed numbers
- Multiply and divide fractions
- Use co-ordinates to describe a position of a point on a grid
- Use knowledge of properties of shapes to solve problems on a co-ordinate grid
- Move and change shapes on a co-ordinate grid through translations and reflections
- **ICT: We are travel writers**
- To research a location online.
- To understand the safe use of mobile technology, including GPS.
- To capture images, audio and video.
- To showcase shared media content through a mapping layer.

Literacy:

- To plan and write a newspaper report.
- To structure a flashback story correctly.
- To write a persuasive text.
- To infer and make deductions using information from the text.
- Understand underlying themes when reading.
- Know the correct punctuation for complex sentences.
- Develop phonic knowledge through spelling patterns eg, prefixes and suffixes.

Science: Light

- To explain that shadows have the same shape as the object that casts them.
- To understand properties of how light and sound travel.
- To use and explain how simple optical instruments work.
- To explain how the human eye sees objects.

Evolution

- To recognise that living things have changed over time.
- To learn about the life of Charles Darwin and his theories.
- To give reasons why offspring are not identical with each other or with their parents.
- To appreciate that variation in offspring over time can make animals more or less able to survive in particular environments.
- To explain how some living things adapt to survive in extreme conditions.
- To describe how adaptation leads to evolution.

<p>RE: What is the best way for a muslim to show commitment to God? Teachers will set up learning experiences that enable pupils to:</p> <ul style="list-style-type: none"> • Talk about what matters to a muslim believer. • Ask important questions about prayer • Reflect on own beliefs about the importance of faith. • Consider the arguments for and against rigid faith. • Explore what motivates people to maintain a faith. <p>Children will consider:</p> <ul style="list-style-type: none"> • Can a muslim take a selfie on Hajj? • Can a muslim pray at work? • How ready are muslim children for sawm (fasting)? <p>Is Christmas Christian enough?</p> <ul style="list-style-type: none"> • To know the key elements of the biblical Christmas story. • Connect stories, symbols and beliefs with what happens at Christmas. <p>Art: Printing</p> <ul style="list-style-type: none"> • To create a simple design based on a Mayan sugar skull • To layer different colours for effect in printing. 	<p>History: Why did the Maya change the way they lived?</p> <ul style="list-style-type: none"> • Who are the Maya and where do they live? • What are the main occupations of Naya people today? • What did John and Frederick rediscover in 1839? • What do the ruins of Chichen Itza tell us about the lives of ancient Maya? • Why do historians know so much about ancient Maya society? • Why was pok-a-tok more than just a ball game? • Why did the ancient Maya leave their jungle cities? <p>Design Technology:</p> <ul style="list-style-type: none"> • To design, make and evaluate a felt phone cover. <p>Music: Exploring Rounds & Sounds</p> <ul style="list-style-type: none"> • To identify instruments from sounds. • To play a chord accompaniment. • To play a chord drone accompaniment Relay Race. • To sing in unison & as a four part round. • To know what ostinato is. <p>PSHCE: Drugs Education</p> <ul style="list-style-type: none"> • Understand the effects of drugs, including caffeine, nicotine and alcohol • Consider what influences us and to be aware of when an influence can become a pressure • Develop skills in how to ask for help <p>Anit-bullying</p> <ul style="list-style-type: none"> • Understand the consequences of discrimination and bullying, including homophobic/cyber bullying 	<p>PE: Cognitive</p> <ul style="list-style-type: none"> • To review, analyse and evaluate strengths and weakness of yourself and others. • Read and react to different game situations as they develop. • To recognise and suggest patterns of play which will increase chances of success • Develop methods to outwit opponents • Understand ways to judge performance • Use awareness of space to make good decisions <p>French: The Euro and ordering in a restaurant</p> <ul style="list-style-type: none"> • To practice numbers to 100. • To know the unit of currency is the Euro. • To sing songs to practise key vocabulary. • To know the names of food items. • To be able to say what they like or don't. • To translate into English. • To be able to order food and ice-creams. <p>Geography: How is climate change affecting the world?</p> <ul style="list-style-type: none"> • Understand how changing patterns of weather at different locations around the world impact on the lives of real people. • Reflect upon how changes to normal and usual weather conditions can have to serious implications. • Understand what is contributing to global warming and generalise about climate change in the longer term.
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