

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:

- Read, write & order numbers up to 10 million and determine the value of each digit.
- Round any whole number to a required degree of accuracy. Use negative numbers in context, and calculate intervals across zero.
- Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
- Divide numbers up to 4 digits by a two-digit whole number using the formal method.
- Solve problems which require answers to be rounded to specified degrees of accuracy
- Recall & use equivalences between simple fractions, decimals & percentages
- Use, read, write and convert between standard units, using decimal notation to up to three decimal places.
- Describe positions on the full coordinate grid (all four quadrants)
- Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.

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 be able to present biographical texts using appropriate features.
- 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.

RE: What is the best way for a muslim to show commitment to God?

Teachers will set up learning experiences that enable pupils to:

- 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.

Children will consider:

- Can a muslim take a selfie on Hajj?
- Can a muslim pray at work?
- How ready are muslim children for sawm (fasting)?

Is Christmas Christian enough?

- To know the key elements of the biblical Christmas story.
- Connect stories, symbols and beliefs with what happens at Christmas.

Art: To explore Lowry and his Artworks

- To use pencil to draw a scene in the style of Lowry's *Hulme Place Salford*.
- To examine some of Lowry's industrial scenes, focussing on the use of colour and sense of perspective.
- To recreate my own image of Chesterfield Market in the style of Lowry.

History: Why did the Maya change the way they lived?

- 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?

Design Technology:

- To design, make and evaluate a felt phone cover.

Music: Exploring Rounds & Sounds

- 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.

PSHCE: Money Matters and Feeling Safe

- To examine ways of earning money.
- To explore decisions required in saving and budgeting.
- To learn about planning for the future.
- To consider reasons why some people use bullying behaviour.
- To consider what makes a dream school.

PE: Gymnastics

- To create sequences involving change of direction, level and speed.
- To combine and perform gymnastic actions, shapes and balances.
- To show clarity, fluency, accuracy and consistency in their movements.

Basketball

- To pass accurately using a range of passes.
- To develop attacking skills through dribbling and passing the ball.
- To develop shooting skills through the lay-up shot.
- To understand and refine tackling skills.

French: The Euro and ordering in a restaurant

- 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.

Geography: How is climate change affecting the world?

- To gain insight into how changing patterns of weather at different locations around the world are impacting on the lives of real people.
- To reflect upon how changes to normal and usual weather conditions can have to serious implications for people.
- To consider the concept of global warming and understand what is contributing to it on a global scale.