What your child will be studying this term – Year 3

Local History

Literacy

We will be developing our reading skills, reading with increasing fluency and understanding as well as developing our love for reading. We will be using a range of high quality texts to teach English. We will show an understanding of different writing types. We will begin to use powerful verbs and adverbials (e.g. quick as a flash) We will use expanded noun phrases to describe. We will be able to use the present perfect form of verbs (e.g. we have visited many museums) We will use adverbials to describe time (when), place (where) and manner (how). We will punctuate our work correctly and use apostrophes. We will use inverted commas to punctuate speech.

Maths (White Rose maths)

- Add and subtract fractions
- Partition the whole
- Fractions as operators
- Reasoning with fractions of an amount
- Converting pounds and pence
- Add and subtract money
- Find change
- Roman numerals
- Tell the time to the nearest minute
- Know months, years, days and hours
- Solve problems involving time
- Recognise, measure and draw accurately angles (including right angles) and compare these
- Identify horizontal, vertical, parallel and perpendicular lines
- Draw polygons
- Interpret and draw pictograms, bar charts and two way tables
- collect and represent data

Science (White Rose science)

We will further develop our understanding of plants and investigate if the number of seeds in a pot affects the growth of the plant. We will also learn about germination and pollination. We will learn about forces and investigate how different materials affect the amount of friction. We will also learn about magnets and investigate whether all metals are magnetic. We will complete a sustainability project on biodiversity and look at positive actions we can take to increase biodiversity in the local area.

ICT – Robots, controls and sensors.

We will know about different programs in devices and systems. We will identify and explore sensors in real world systems. We will use a data logger to measure and record environmental data and plan and write a simple program to control. We will learn to identify and debug errors.

History – The Romans

We will learn about the spread of the Roman empire and the emperors Caesar and Claudius. We will learn about the power of the Roman army and the resistance of Boudicca. We will explore the lasting impact of the Roman Empire in Britain and complete a case study of Pompeii to find out more about Roman life.

Geography – Volcanoes

We will learn how volcanoes are formed and locate the different parts of a volcano. We will locate where most volcanoes are located and explore life in a volcanic area. We will learn about Mt Vesuvius and look at the impact tourism has had on Pompeii.

Art – Animated drawings

We will learn about animation, and understand how a sequence of drawings can be used to create a moving image. We will make paper puppets and plan the simple movements they might make. We will create a background for a moveable drawing.

D.T – Making a cushion/ pneumatic toys.

We will design and make a template from an existing cushion and learn cross- stitch to join fabric. We will decorate our cushions using applique. We will also design a toy that uses a pneumatic system and use syringes and balloons to create different types of pneumatic systems to make a functional and appealing pneumatic toy.

R.E – We will be learning about why Holi is important. We will also be learning about how light is special.

Ways in which you can help your child

- Read with your child or discuss what your child has read every night
- Practise spellings
- Practise the maths objectives listed
- Research the Romans – what legacy did they leave in London?
- Visit the Roman empire gallery at the British Museum
- Create your own volcano at home using baking soda and vinegar
- Create your own animate flick books
- Practise cross-stitch