

## **Science**

### Scientific enquiry

Students will set up simple practical enquiries, experiments and fair tests.

Make systematic and careful observations, taking accurate measurements, using a range of equipment.

They will record findings using scientific language, drawings, labelled diagrams, keys, bar charts and tables. They will use these findings to draw simple conclusions and evaluate their experiment.

### Forces

Explain how unsupported objects fall towards the earth because of the force of gravity acting between the earth and the falling object.

Identify the effects of air resistance, water resistance and friction.

Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.

## **5W2W**

Take Notice!

## **History**

Develop knowledge of L.S Lowry.

Research important inventions and the impact they've had. History of music

## **Geography**

Students will name and locate countries and cities of the United Kingdom, geographical regions, and their identifying human and physical characteristics. They will examine key topical features and land-use patterns, and understand how some of these aspects have changed over time.

## **Art**

Record observations of the Spring environment using sketchbooks. Develop sketch technique.

## **Literacy**

We will focus on detective mystery texts, examining how to plan, write and edit a detective story. We are also looking at persuasive writing, developing our skills from last half term.

### Spelling, punctuation & grammar.

This half term the focus will be on sentences, verbs and adjectives. We will also look at homophones, prefixes and suffixes.

### Guided reading.

We will focus on different genres of fiction, with particular emphasis on the features of different fiction types and how they are constructed. We will look at retrieval and inference skills during reading comprehension.



Elm (Yr 4/5) curriculum plan  
February 2016 'Spy Kids'

## **Numeracy**

Introducing decimal fractions.

Exploring 'equals' in balancing number sentences

Exploring the distributive property and developing written methods of multiplying  
Properties of number

Using mental methods for multiplying and dividing

Division with remainders

Proportion and ratio

Percentages

Word problems

## **Computing**

Understanding how computer networks provide services such as the 'world wide web; and the opportunities they offer.

Use search effectively.

Use search technologies effectively.

## **PE**

Dance and PE sessions delivered by One Goal.

## **Music**

Improvise, play and compose music.

## **PSHE (Wellbeing)**

Daring to be different!

Identify and self esteem. Understanding diversity and difference between people.

## **RE**

We will look at the wider church, examining the church as a community. We will look at worship and the meaning of prayer.

## **Design Technology**

We will continue to research, design and make our own inventions, evaluating its effectiveness and marketing the product.

## **MFL (Spanish)**

Speak in sentences.

Present ideas and information orally to an audience.