

LITERACY

Novel as a Theme

- To create complex sentences by using relative clauses with pronouns who & where.
- Discuss, summarise explore themes, make comparisons & make predictions about texts.
- Blend action, dialogue and description within and across paragraphs.
- Write a short story or chapter for a novel about an invention.

Magazine: Information Text Hybrid

- Read and analyse different types of writing.
- Identify fact and opinions within a text.
- Prepare notes and give formal presentations.
- To create a page for a magazine that includes a range of text types.

NUMERACY

- Mental Arithmetic—to know all tables to 12 x 12
- Addition and Subtraction—Add and subtract more than 4 digits and to 2 decimal places. Estimate answers to written calculations. Complete multi-step problems
- Mental and written multiplication—Identify factors and multiples. Multiply and divide using written methods. Solve problems using multiple, squares and cubed numbers.
- Measure—Use, read and write standard units of length and mass. Convert units of metric measure. Estimate capacity
- Geometry—Regular and irregular polygons. Plot and read coordinates. Reflect and translate shapes.

DESIGN AND TECHNOLOGY

- Research, use and evaluate cams, pulleys and gears.
- Use models, kits and drawings to help formulate design ideas.
- Devise plans, instructions and labelled drawings to communicate their ideas.
- Make prototypes and develop and one idea in depth
- To use tools and equipment safely
- To create a vehicle which uses gears, pulleys and is operated by an electrical motor.

HISTORY

- The early Islamic civilisation in Baghdad around AD900 known as the Islamic Golden Age
- To study the Abbasids dynasty of the Muslim Empire of the Caliphate.
- To know the importance of the House of Wisdom and how it influenced life.
- To learn about inventions from this time and how they changed peoples, e.g. Al-Zahrawi (pioneer of modern surgery), Al-jazari (reputed to have attempted flight),
- To learn about the Siege of Baghdad

**This term's
topic is
Inventors and
Inventions**

MUSIC

- Learn to play the saxophone / clarinet
- Dance, sing and appreciate music

P.E.

- Practise throwing and catching skills and play rounders
- Practise for sports' day

In Y5 we have literacy and numeracy homework. Homework is handed out on a Thursday and due in on a Tuesday .

We are given spellings to learn at home and we have a test each week.

Our P.E. days are Wednesday and Thursday. Wider Ops is Tuesday.

SCIENCE

- To understand and explain the effect of gravity in simple terms.
- To explore the concepts of friction, air resistance, and water resistance.
- To recognise that some mechanisms, e.g. levers, pulleys and gears, allow a smaller force to have a greater effect.
- To recognise that more than one force can act on objects simultaneously.