

GEOGRAPHY

Geographical Knowledge

- Name and locate counties and cities in the UK.
- Know key topographical features of the UK.

MFL

Say/write:

- Numbers 11-39 (Pack 1).
- About weather.
- Shopping with the Euro.

Including:

- Write a phrase from memory.
- Use French dictionary to find new words.

SCIENCE

- Describe a range of sounds and explain how they are made.
- Compare sources of sound and explain how the sounds differ.
- Explain how to change a sound (louder/softer).
- Describe and explain how vibrations travel from a source through a medium to our ears.
- Explain what happens to sound as it travels away from its source.
- Explain how sounds change pitch.
- Investigate how different materials can affect the pitch and volume of sounds
- Explain how electricity is useful to us, identify appliances that run on electricity
- Construct a simple circuit with a switch
- Explain what a conductor is and test materials for conductivity and recognise some common conductors and insulators
- Explain closed and open circuits
- Identify if a lamp will light or not in a series circuit

COMPUTING

- E-safety

Algorithms & Programmes

- Combine sequences of instructions to turn devices on and off
- Understand the terms *input* and *output*
- Use an ICT program to control an external device that is electrical and/or mechanical
- Use ICT to measure sound or light or temperature using sensors
- Write programmes using sequences and repetitions.

Communication

- Use instant messaging to communicate with a class member
- Conduct a video chat with someone else in the school or another school

HISTORY (British History)

A significant turning point in British history, e.g. the first railways, transport (industrial revolution), medicine

Chronological understanding

- Use dates and historical language in their work?
- Create timelines which outline specific features, such as medicine and transport?

Knowledge and interpretation

- Make comparisons between historical periods; explaining things that have changed and things which have stayed the same?
- Appreciate that significant events in history have helped shape the country we have today?
- Appreciate how plaques and other major events have created huge differences to the way medicines and health care was looked at?

Historical enquiry

- Appreciate how historical artefacts have helped us understand more about British lives in the present and past?

Y4/5 Rotation B

Inventions

ART

Knowledge, skills & understanding.

- Printing (William Morris) Victorian pencil/charcoal sketches, Queen Victoria portraits. Can they ...
- Print using at least four colours. (polystyrene tile printing)
- Creating an accurate print design?
- Print using a number of colours?
- Print on to different materials?
- Keep notes in sketch books as to how they might develop their work further. (Queen Vic sketch).
- Learn about the work of others by looking at their work in books, the internet, visits to galleries & other sources of information? www.wmgallery.org.uk
- Show reflections? (Queen Vic silhouettes).
- Explain art from other periods of history.

DESIGN AND TECHNOLOGY

Develop, planning and communicating ideas.

Design and make a burglar alarm.

- Take a user's view into account when designing.
- Produce a detailed step-by-step plan.
- Suggest some alternative plans and say what the good points and drawbacks are about each.

Electrical and mechanical components

- Add things to their circuits.
- Altered their product after checking it.
- Confident about trying out new and different ideas.

Stiff and flexible sheet materials

- Measure carefully so as to make sure they have not made mistakes.
 - Attempted to make their product strong.
- ### Mouldable materials
- Take time to consider how they could have made their idea better?
 - Work at their product even though their original idea might not have worked?

Working with tools, equipment, materials and components to make quality products

- Explain why their finished product is going to be of good quality.
- Explain how their product will appeal to the audience.
- Use a range of tools and equipment expertly.

Evaluating processes and products.

- Thought of how they will check if their design is successful.
- Explain how they can improve their original design?
- Evaluate their product, thinking of both appearance and the way it works.

R.E

Faith in Action

- What inspires people of faith and at what cost?
- Explore the values that motivate people of faith to respond to a cause.
- Consider how I might be inspired by the actions of significant people of different faiths.
- Investigate the work of a religious charity.
- Reflect on the motivation and cost of commitment.