

Knowledge & Skills Organiser – Yr 2 Summer Term

Subjects covered in the national curriculum:

English

Stone Age Boy – Instructions – how to light a fire.

Queen Victoria's Bathing Machine- Non- chronological report.

Computing-

Powerpoints – creating slide shows. Work to based around topics being covered.

Geography-

A street through Time.

How settlements have changed.

Creating maps

Using coordinates and simple grid references.

TOPIC TITLE

Changing times

RE – What do my senses tell me about the world of Religion and belief?

What do Jews remember on Shabbat?

Science:

Making stained glass windows for the Crystal Palace.(Properties of glass)

Materials: Cross curricular link with Art: Everyday materials: living, dead never alive with artefacts from Archaeological dig.

Discovery: John Dunlop, Charles Macintosh, John McAdam

Floating and sinking, making model boats to go on a voyage.

Art/DT:

Creating the great exhibition using air dry clay.

Maths

Cross curricular link with History:

Ship times. All aboard on a Victorian voyage. Telling the time, time word problems.

Distance and measure: Calculating miles around the globe and discovering how big the school field is.

Units of measurement, mm, cm, and metre.

Enrichment-

Gressenhall – rural life Museum Victorian Day

Story cafe Papa's Mechanical Fish

History- The Victorians – the age of invention and change. The life of children in the Victorian times. Changes and key inventions The Empire and Queen Victoria.

The skills you will develop in this topic:

Geographical skills and fieldwork: use books, maps and apps and digital/computer mapping to identify how settlements have changed over time. Be able to recognise how the village and the school have changed over time through observation of photos and what they can see around them .

History- identify key events in the life of Queen Victoria, recognise what life was like for Victorians, explore inventions and change that occurred during the Victorian era. Use photographs, books, video clips and artefacts to develop understanding of Victorian lives. Explore ideas, reflect and develop enquiry skills.

Art: Using natural dyes to create realistic cave paintings. Understanding pattern and abstract shapes.

Design Technology: Understanding how to manipulate clay into different shapes, moulding, and texture. Creating simple floating structures and exploring their durability.

Science asking relevant questions and using different types of scientific enquiries to answer them ♣ setting up simple practical enquiries, comparative and fair tests ♣ making systematic and careful observations and, where appropriate, taking accurate measurements ♣ gathering, recording, classifying and presenting data in a variety of ways to help in answering questions ♣ recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables ♣ reporting on findings from enquiries, including oral and written explanations ♣ using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions

RE: discussion and reasoning, exploring ideas (philosophy), comparing and developing lines of enquiry (social human science), reflection.

The knowledge you will need to know:

Geography- Location knowledge – Be able to recall reasons for the location of settlements- access to water, farming land, defense, fuel.

Place knowledge – be able to recognise modern developments in settlements. Recognise old and new.

Human and Physical Geography – identify the reasons why people settle in a place and ways in which humans shaped settlements over time.

Science –The properties of different materials, what living, dead and never alive means. Exploring what floats and what sinks.

RE: What A Jew is. What being Jewish means? My feelings and thoughts about religion and faith.

Home Learning ideas:

- Create your own cave painting using natural dyes
- Research a Victorian recipe – take photos or send it in to be tried by the class.
- Make a model of that could be included into the Great Exhibition.
- Go online and research different cave painting from around the world.
- Research Victoria toys, are there any you could try to make yourself?
Any artefacts for a Victorian museum would be greatly appreciated.

Vocabulary I need to know:

Geography –settlement, village, town, water, defense, change, modern, old, transport

History- Victoria, Queen , Monarch, Empire, Prince Albert, invention, change, poverty, India

Science –materials, properties, opaque, translucent, floating, sinking, living, dead, never alive.

Art – crush, blend, natural, dyes,

D.T – Mould, sculpt, texture, pattern

RE – Jew, Jewish, Judaism, Shabbat, senses, worship, religion, belief

By the end of our topic the children will:

Have made and painted clay models of artefacts. They will have explored how things float and sink and will understand the properties of different types of materials.

Developed a knowledge of the Victorian era and its achievements. Understood how settlements changed over time. Explored what Shabbat is and their own feelings and beliefs around faith and religion.