Year 5/6 Spring 2022

The Victorians

Maths

Grampound Road

Curriculum maps

HOUND ROTO LILLAGE

C.E. SCHOOL

GRAN

Intent: we will use exploration and manipulation to develop our confidence and understanding when working with fractions.

- What is a fraction (Y5 recap)
- Equivalent fractions (Y5 and Y6)
- Simplifying fractions (Y6)
- Fractions greater than 1 (Y5)
- Improper to mixed number fractions (Y5 and Y6)
- Mixed number to improper fractions (Y5 and Y6)
- Number sequences (Y5)
- Fractions on a number line (Y6)
- Comparing and ordering fractions less than 1 (Y5)
- Compare and order fractions greater than 1 (Y5)
- Compare and order the denominator ٠ (Y6)
- Compare and order the Numerator (Y6)
- Add and subtract fractions (Y5 and Y6) •
- Add mixed number fractions (Y5 and Y6 recap)
- Subtract mixed number fractions (Y5 and Y6 recap)
- Subtraction breaking the whole (Y5)
- Multiply fractions by an integer (Y5 and • Y6)
- Multiply non-unit fractions by an integer.
- Divide by integers (Y6)
- Four rules with fractions (Y6)
- Calculate fractions of a quantity. ٠
- Fractions of an amount •
- Fractions of an amount find the whole . (Y6)
- Using fractions as operators.

Key vocabulary: numerator, denominator, part of, parts, whole, operation, mixed fraction, improper fraction, integer, quantity, number line

Impact: we will be able to use different methods to efficiently work out problems linked to fractions.

R.E. Intent: we will explore Judaism and

Inspire

Who were the Victorians?

Why is the Torah so important for Jewish people?

Making sense of belief:

- Identify and explain Jewish beliefs about God
- Give examples of some texts that say what God is like and explain how Jewish people interpret them.

Understand the impact:

- Make clear connections between Jewish beliefs about the Torah and how Jews use and treat it
- Make clear connections between Jewish commandments and how Jews live (e.g. in relation to kosher laws)
- Give evidence and examples to show how Jewish people put their beliefs into practice in different ways (e.g. some differences between Orthodox and Progressive Jewish practice)

Make connections:

- Make connections between Jewish • beliefs studied and explain how and why they are important to Jewish people today.
- ٠ Consider and weigh up the value of e.g. tradition, ritual, community, study and worship in the lives of Jews today, and articulate responses on how far they are valuable to people who are not lewish

Key vocabulary: Torah, scriptures, sacred, orthodox, reformed, kosher.

Impact: We will be able to talk about why the Torah is so specially treated and have some knowledge about reformed and orthodox practices.

Discover

What is out there?

How did the Victorians change Great Britain for the better?

Science

Intent: we will explore classification and how it helps scientists to categorise plants and animals.

Classification

- To sort and group animals based on their features, using examples as a guide.
- To describe Carl Linnaeus and his development of his classification system.
- To place animals into given groups • based on certain characteristics.
- To design a creature with a specific set of characteristics, using prompts and a word grid.
- To name types of microorganism.
- To set up an investigation into harmful microorganisms.
- To design a microorganism using given characteristics.
- To complete descriptions on the characteristics of groups of organisms, using images as prompts.

Key vocabulary: life process, vertebrae, invertebrate, classification, habit/microhabitat, microorganism, taxonomy, virus, bacteria, fungi, food chain.

Impact: we can show our understanding of classification by categorising a brand new creature.

Intent: We will explore writing for different purposes.

Fiction: One Chance:

Learn and innovate the story of 'One Chance' by Pie Corbett:

- Dramatising the story
- Creating emotion graphs
- Write letters to explain the experience had by the main character.

Imitate the story by:

Completing short bursts of writing, changing characters, time, plot and prequels.

Invent a story by:

- Planning, drafting and editing.
- Boxing up text.

Non-fiction: Poetry writing using 'What I Love About' as a stimulus.

- Learn and innovate a poem by:
- Dramatising the text
- Hot seating
- Comparing to other similar texts.

Imitate the text by:

- Identifying the features.
- Invent a poem by:
- Using the key features to create a new, personalised poem.

Class read: Street Child by Berlie Doherty.

Key vocabulary: wish, sentence

structure, show not tell, descriptive, simile and metaphor.

Impact: we will know the structure and features of a wishing story and we will write for different purposes.

Literacy (including reading)

Thrive How can you change the land like the Victorian's did? What little change will you make? **PSHE Intent**: We will investigate the opportunities available to us when we get older and they types of jobs that may be on offer. **Dreams and Goals** To understand that I will need money to help me achieve some of my dreams. TO know about a range of jobs carried out by people and how much people earn doing different jobs. To identify a job I would like to do and understand what motivates me. To describe the dreams of people in a different culture to mine. • To understand that communicating with someone in a different culture means we can learn from each other and I can identify a range of ways that we could support each other. To encourage my peers support young people abroad to meet their aspirations. Key vocabulary: dream, ambition, aspirations, vocation, job, income, expenditure, earn, career, motivation, drive, Impact: we will have a better

understanding of the job market and an appreciation of how we will achieve our goals.

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The Victorians

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Inspire

Who were the Victorians?

Discover

What is out there?

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Computing

Intent: Understand how spreadsheets are used to efficiently manipulate data.

Spreadsheets

Conversion of Measurement:

- Create a formula to convert m in cm.
- Apply the formula by creating a spreadsheet that converts miles into km and vice versa.

The Count Tool:

- ٠ Identify which letters appear most often.
- To successfully be able to use the 'how many' tool.

Advanced Mode Formulae:

- Use a spreadsheet to calculate perimeter and area.
- Apply this knowledge to real life problems.

Use text variables to perform calculations:

- Create simple formulae which use different variables.
- Use formula that will work out how many days there are in 'x' number of years.

Event planning with a spreadsheet:

Use a spreadsheet to model real life situations and come up with solutions which can be practically applied.

Key vocabulary: cell, row, column, function, formula, formulae, equals, product, enter.

Impact: we will know how to create more complex programs and understand that there are ways to simplify code to make their programming more efficient.

History

Intent: We will investigate the Victorians and evaluate their legacy.

The Victorians

- Who were the Victorians?
- Who was Queen Victoria?
- What was the Industrial Revolution?
- How did the Victorians respond to the railways?
- What was life like for working children?
- How did Lord Shaftesbury improve the lives of working children?
- What were Victorian schools like to attend?

Key vocabulary: 1800s, factories, smog, fields, railways, canals, trade, export, import, cotton, chimneys, steam,

Impact: we will be able to talk about the Industrial Revolution, some of the Victorian inventions and how Britain has changed since.

D.T./Art

Intent: We will investigate William Morris and Victorian toy theatres.

William Morris

- Identify the significance of William Morris' work.
- Art from the Victorian era.
- Design a wall paper square • based on Morris' work.

Victorian Toys

- Explore toys used by children from the Victorian era.
- Design and build a Victorian toy theatre.
- Create the props and characters for a performance.

Key vocabulary: design, floral, pattern, repeat, colour, stage, wings, curtain, front of stage, gold/red, regal.

Impact: we will design a William Morris inspired wall paper sample.

P.E

Intent: Gymnastics

Gymnastics

- Work with a partner to show a variety of balances on the floor and on apparatus using good body tension, matching, mirroring and contrast.
- Work with a partner to develop full body weight partner balances linking ideas together within a short sequence.
- Work with a partner to practice jumping and rolling in unison and canon with good body tension.
- Work with a partner to practice meeting and parting using different gymnastic elements including different levels.
- Use all taught content to create a partnered sequence.
- Evaluate peers' sequences and outline where improvements can be made.

Key vocabulary: body tension, levels, mirror, contrast, unison, canon balance, body weight, sequence.

Impact: we will be able to create a gymnastic sequence and perform using good body tension.

Thrive

How can you change the land like the Victorian's did?

What little change will you make?

Music

Intent: explore a range of different sounds and songs that

Fresh Prince of Bel Air

Listen and Appraise:

Listen and Appraise the Fresh Prince of Bel Air and other Hip Hop tunes.

Musical Activities –

and/or build Learn on knowledge and understanding the about interrelated dimensions of music through: a. Warm Up Games (including vocal warm ups) b. Flexible Games (optional extension work) c. Learn to Sing the Song d. Play Instruments with the Song e. Improvise with the Song (and optional extension activities)

Compose with the Song

Key vocabulary: pulse, rhythm, pitch, tempo, dynamics, texture, structure, notation.

Impact: we will be able to create and perform, by heart, the song Fresh Prince of Bel Air.