# Curriculum Overview for Year 4 ~ Spring 2020

### Reading

- · Apply growing knowledge to read aloud and understand new words, including those that are exceptions to the rules.
- Listening and responding to a wide range of reading material for different purposes.
- Discussing techniques that capture the reader's interest and imagination.
- When reading independently, checking the text makes sense to them and asking questions to improve their understanding.
- Drawing inferences and justifying them with
  Evaluate and edit their own and
- Summarising ideas drawn from more than
  Proof-read for spelling and one paragraph

Recognise and thow, using

equivalent fractions.

dividing tenths by ten.

• Solve problems involving

hundredths; recognise that

hundredths arise when dividing

an object by one hundred and

fractions to divide quantities,

including non-unit fractions.

Add and subtract fractions with

the same denominator.

• Count up and down in

diagrams, families

## English

### Writing

- Use prefixes and suffixes and explore homophones further.
- Learn to check the spelling of a word in a dictionary.
- Join handwriting and increase its legibility, consistency and quality.
- Plan writing through discussion and
- Draft & write with a rich vocabulary, use paragraphs and headings.
- others' writing.
- punctuation errors.

#### Grammar

- Extend the range of sentences with more than one clause.
- Use apostrophes accurated
- Use conjunctions, adverbs and preposition
- Use commas after fronted adverbials
- Use and punctuate direct speech.

Genres include: Persuasive letter writing, Titanic diary entry, and poster about the environmental changes in the Arctic.

# Design & Technology

- other formed pieces.
- shape the world.

Textiles focus

# Computing

- Design, write and debug programmes that accomplish specific goals, including controlling or simulating physical systems.
  - Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Use technology safely, respectfully and responsibly recognise acceptable/unacceptable behaviour.

Art & Design

• Create sketch books to record observations and use them to

Improve mastery of art and design techniques, including

drawing, painting and sculpture with a range of materials

Titanic - charcoal sketches.

review and revisit ideas.

(e.g. pencil, paint, clay).

- Select from and use a wide range of materials within
- Research and design a textiles piece using inspiration from
- Understand how key individuals have helpe

# Geography

- understand key aspects of south eastern Mexi and northern Central American geography.
- Identify position and significance of latitude, longitude, Equator, Northern and Southern Hemispheres, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle.
- Use maps, atlases, globes and digital/computer mapping to locate countries.

Study of the north and south poles, the equator and the arctic circle.

### **Mathematics**

#### Decimals:

- Recognise and write decimal equivalents of any number of tenths and hundredths.
- Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits as ones, tenths and hundredths.
- Solve simple measure and money problems involving fractions and decimals.

### Measurement - Area

• Find the area of rectilinear shapes by counting squares.

### Number - Multiplication & Division

- Recall and use multiplication and division facts for multiplication tables up to 12 x 12
- Use place value, known and derived facts to multiply and divide mentally
- Recognise and use factor pairs and commutatively in mental calculations.
- Multiply two digit and three numbers by one digit number using formal written layout.

# PSHE &

# Citizenship

### All About Money:

Economic Wellbeing - Financial Capability

Understanding how to stay safe online

### Me and My Community:

• Citizenship – Diversity and Communities

Whole school celebration of 'Safer Internet Day'

## Music

- Play and perform musical instruments ency, control and
- together, playing with increasing accuracy, expression.

Education

nain features of Hinduism

- Listen with attention to detail and recall sounds with increasing aural memory.
- Use and understand staff and other musical

### Science

Fractions:

### States of matter:

- materials together, according • Compare and group to whether they are solids, liquids or gases.
- Observe the effects of heating and cooling, and measure temperatures.
- Learn about evaporation and condensation in the water cycle

- Identify common electrical appliances.
- Construct simple series circuits.
- Use of switches.
- Recognise some common conductors and insulators, and associate metals with being good conductors.

# History

- Develop a chronologically secure knowledge and understanding of world history.
- Note connections, contrasts and trends over time and develop the appropriate use of historical terms.
- Understand how our knowledge of the past mes from a range of sources.

History of the Titanic/Transport

# Religious

- Understand the gods, festivals and
- Understand the

importance of Easter to

symbolism.

Hinduism and Christianity

# Languages - French

Broaden vocabulary and developing ability to understand new words, including using a dictionary, using this to describe people and places, orally and in writing.

# **Physical**

## Education

- Perform dances using a range of movement patterns.
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best.
- Swim competently, confidently and proficiently.
- Use a range of strokes.

Swimming and Dance.