

As **Scientists**, we are learning about:

Properties and Changes of Materials.

- Compare and group together everyday materials on the basis of their properties
- Dissolve a material in liquid to form a solution, and describe how to recover a substance from a solution
- Use knowledge of solids, liquids and gases to separated materials
- Complete comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- Demonstrate that dissolving, mixing and changes of state are reversible changes
- Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible,

As **Designers**, we are learning about:

Designing, making and evaluating a product.

- Plan how to use materials, equipment and processes.
- Suggest alternative methods if one fails.
- Select and identify appropriate tools and materials.
- Measure, mark, cut, shape accurately.
- Work safely with a range of tools.
- Evaluate against the original design.
- Disassemble and evaluate familiar products.

In **R.E** we are learning about:

Judaism: The Jewish Home.

- Reflect on what is special about our homes.
- Describe the Jewish home, including artefacts
- Observe the rituals of Shabbat and what happens and its impact.
- Consider the meaning of the word sanctuary
- Explore kasher and treyfah and where they originated from.

In **Computing**, we are learning about:

E-Safety.

- Learn about the 5 Pillars of Safety: Sharp, Alert, Secure, Kind, Brave.
- Be discerning in evaluating digital content.
- Use technology safely and respectfully, keeping personal information private: identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

As **Musicians**, we are learning about:

Pitch and Rhythm.

- Write and compose music on the treble clef scale.
- Introduction to the base clef.
- Group notes into bars.
- Know note length and value.

In **PE**, we are learning about:

- Invasion games (fundamental Skills)
- Team Work with OAA
- Tag Rugby

Leprechaun Class

Curriculum Letter

Ancient Greeks

As **Historians**, we are learning about:

The Ancient Greeks and the story of Theseus and the Minotaur.

We will be investigating and answering the following questions:

- Could the Legend of Theseus and the Minotaur be true?
- Why is Arthur Evans significant?
- Was Knossos really a place?
- How can visual sources help us understand the purpose and function of the building at Knossos?
- How does Knossos compare to another palace?
- Theseus and the Minotaur - Is there any evidence for the myth?

As **Geographers**, we are learning about:

Should humans live near plate boundaries?

We will be investigating and answering the following questions:

- What's below the Earth's surface?
- How do earthquakes happen?
- What causes Tsunamis?
- Can humans cause earthquakes and tsunamis?
- Should humans live near plate boundaries?

In **PSHCE**, we are learning about:

Teamwork.

- How do changes make us feel?
- How and why should we work in a team?
- What ways can we cope with uncomfortable feelings?
- How can we respond sensibly to our team
- What are my responsibilities in the team?

As **Artists**, we are learning about:

Book illustrators, sketching and colour description.

- Describe, alter, refine and evaluate changes using art vocabulary.
- Study an illustrator's work and replicate our own versions.
- Use sketching techniques to add tone and texture to our drawing.

In **French**, we are learning to say and write:

- Basic classroom instructions
- Describe someone's looks
- Greetings and demands
- Form dates, lists and holiday greetings.

Maths

Number & Place Value

- Identify, read and write numbers up to 1,000,000.
- Partition numbers to 1,000,000 and represent them using place value.
- Read and place numbers on a number line, including blank number lines.
- Count in 100,000, 10,000, 1,000s, 100s, 10s and 1s.
- Find 1, 10, 100, 1,000, 10,000 and 100,000 more or less than a number.
- Compare and order numbers up to 6-digits
- Round numbers up to 6-digits to the nearest 10, 100, 1,000, 10,000 and 100,000.
- Read and write roman numerals to 5,000.

Addition & Subtraction

- Add and subtract multiples of 10.
- Add two 6-digit numbers, including carrying.
- Subtract two 6-digit numbers including exchanging.
- Estimate addition and subtraction answers before solving.
- Use formal addition and subtraction methods.
- Solve single step word problems including addition and subtraction.
- Use inverse operations to check calculations.

Multiplication and Division

- Multiply and divide by all times tables up to 12.
- Identify multiples.
- Identify factor pairs and common factors.
- Multiply and Divide numbers by 10, 100 and 1,000.
- Identify prime, square and cube numbers.

Measurement

- Measure and calculate the perimeter of a rectangle and rectilinear shape.
- Understand what area is, calculate it and compare the area of compound and irregular shapes.

Mental Maths

- Apply mental math methods to answer questions quickly, including +/-9 but +10 and -1.
- Answer a range of questions that cover all aspects of the mathematical curriculum in a weekly check.

English

Reading Comprehension

- Read an extract of text and answer a range of questions linked to it.
- Practice the following reading skills: Clarifying; Imagining; Predicting; Linking; Summarising; Understanding the writers use of language; Understanding how the text is organised; Understanding purpose and viewpoint.

Writing

- Write for a sustained period of time, while working on personal targets.
- Edit their own writing using a marking grid and improve it independently.
- Write a descriptive paragraph using adjectives and expanded noun phrases.
- Write a series of diary entries that follow on, describing events in chronological order.
- Write a newspaper article in a formal recount style, using topic vocabulary.
- Write a poem using rhyming and perform to a group.
- Write a narrative that questions a world issue (global warming).
- Write a play script, while identifying key features and punctuation used.

Grammar

- Use correct grammatical terminology when discussing their writing.
- Identify nouns, adjectives, verbs and adverbs.
- Identify and use prepositional phrases to expand noun phrases further.
- Identify possessive pronouns.
- Identify determiners.
- Use pronouns and nouns appropriately to avoid repetition
- Use exclamation marks, question marks, ellipsis and inverted commas.
- Identify and use adverbs, including fronted adverbials.
- Identify and use commas to avoid ambiguity.
- Apply grammar knowledge to test style questions.
- Identify and use different phrases. E.g. an adverbial phrase.

Handwriting and presentation

- Present work clearly and in chronological order.
- Write with cursive handwriting, joining ascenders and descenders accurately.
- Form capital letters and lowercase letter correctly.
- Write neatly for a sustained period of time.

Spelling

- Use a range of methods to practice and learn spellings.
- Learn how to spell statutory Year 3/4 and some 5/6 words (depending on year group).
- Identify and use possessive apostrophes.
- Use the correct homophone in context.
- Use a range of suffixes, including -ly, -ous, -al, -ary, -ic, -ive, -ist.
- Apply spelling rules to a range of root words.
- Use different spelling techniques to learn spellings and apply them to writing.