

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

Life Cycles of animals, insects, plants and human beings.

- Describe and compare different life cycles in some specific types of animals and plants.
- Describe the differences between different life cycles.
- Describe the main changes as humans grow into adults and develop to old age

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:

Places of Worship.

- Identify different places of worship linked to different religions.
- Compare similarities and differences between places of worship.
- Discuss our experiences in places of worship.
- Describe the role of places of worship in a community.
- Explore symbolism within a place of worship.

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

E-Safety and Graph Paper programming.

- The Rings of responsibility when working online.
- Keeping passwords safe and difficult to hack.
- The power of words when written down.
- Altering pictures and videos and why

Leprechaun Class

Curriculum Letter

Digging Up the Past

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

Relationships.

- Our friends and how to make new ones through common interests.
- Important features of a good friend.
- What can we do when we fall out with our friends?
- Bullying and anti-bullying.

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.

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

The Bronze Age and whether it was the first age of industry.

We will be investigating and answering the following questions:

- When did the Bronze production begin?
- Did Copper mines exist before bronze?
- Why is Grimes Graves important?
- Did Bronze production have an impact on the development of Technology?
- How did Bronze effect money, trade & Travel?
- Could Stonehenge have been built without the bronze age?

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

Cities in the UK and whether they were purpose built.

We will be investigating and answering the following questions:

- Where are the UK's major urban areas?
- Why is Birmingham's location helpful to its industrial past?
- How was Birmingham effected by industry?
- How old is Milton Keynes?
- Why was it built here?
- How are Milton Keynes and Birmingham similar?

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

Colour mixing, collaging and sculptures.

- Describe, alter, refine and evaluate changes using art vocabulary.
- Make and match colours.
- Select and use recycled, natural and man-made materials to create a sculpture.

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

- Invasion games (football and tag-rugby)
- Yoga and Mindfulness
- Martial Arts
- Dance

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 10,000.
- Partition numbers to 10,000 and represent them using place value.
- Read and place numbers on a number line, including blank number lines.
- Count in 1,000s, 100s, 10s and 1s.
- Find 1, 10, 100, 1,000 more or less than a number.
- Compare and order 4-digit numbers.
- Round 4-digit numbers to the nearest 10, 100, 1,000.
- Read and write roman numerals to 1,000.

Addition & Subtraction

- Add and subtract multiples of 10.
- Add two 4-digit numbers, including carrying.
- Subtract two 4-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 exclamation marks, question marks and ellipsis.
- Identify and use adverbs, including fronted adverbials.
- Apply grammar knowledge to test style questions.

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).
- Spell words with the '-sure' sound.
- Identify and use possessive apostrophes.
- Use the correct homophone in context.
- Use a range of prefixes and suffixes, including il-, im-, -ing and -ed.
- Spell words with the 'eigh', 'ei' and 'ey' sound.
- Spell words with the 'ch' and 'ou' sound.