

**Mathematics****Number**

- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals
- Identify multiples and factors.
- Multiply and divide numbers up to 4 digits by a 1- or 2-digit number using a formal written method.
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
- Read, write, order and compare numbers with up to three decimal places. Solve problems involving number up to three decimal places.
- Solve comparison, sum and difference problems using information presented in a line graph.

**Fractions**

- Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- Recognise mixed numbers and improper fractions and convert from one form to the other.

**Position and Direction**

- Identify and describe the position of a shape following a reflection or translation.

**Faith and Belief****Taking responsibility for living together, values and respect**

- How can people live together for the wellbeing of all?
- Considering our social and environmental responsibilities, we will discover and respond to religious and moral codes of conduct from the Jewish faith.
- Why should we care, what is important and what may influence a community and individual's choices.
- Compare golden rules and consider if and how the world needs repairing (e.g. the Jewish concept of Tikkun Olam).

**Citizenship, Ethics and Emotional Health (PSHE/SRE)****Health and Wellbeing**

- What is meant by the term 'habit' and why habits can be hard to change.
- Which, why and how, 'commonly available substances and drugs (including alcohol, tobacco and 'energy drinks') can damage health and safety; that some are restricted and some are illegal to own, use and give to others.
- How their body will, and their emotions may, change as they approach and move through puberty.
- About human reproduction.
- About taking care of their body, understanding that they have the right to protect their body from inappropriate and unwanted contact.

**Relationships**

- That differences and similarities between people arise from a number of factors, including family, cultural, ethnic, racial and religious diversity, age, sex, gender identity, sexual orientation, and disability.
- To recognise and challenge stereotypes.
- About the difference between, and the terms associated with, sex, gender identity and sexual orientation.

**Living in the Wider World**

- To explore and critique how the media present information.

**Converting Units**

- Solve problems involving converting between units of time.
- Use all four operations to solve problems involving measure (e.g. length, mass, volume, money) using decimal notation including scaling.
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**Prime Numbers**

- Know and use the vocabulary of prime numbers, prime factors and composite numbers.
- Establish whether a number up to 100 is prime and recall prime numbers up to 19.

**Perimeter, Area and Volume**

- Measure and calculate the perimeter of rectilinear shapes.
- Estimate volume (e.g. using 1 cm blocks to build cubes/cuboids) and capacity (e.g. using water)

**Shape**

- Identify 3-D shapes, including cubes and other cuboids, from 2-D representations

**Literacy, Language and Oracy****Reading**

- Apply knowledge of root words, prefixes and suffixes to read and understand new words.
- Identify whether changes in characters met challenged the reader's expectations.
- Recognise that characters may have different perspectives in the story.
- Justify personal response to particular texts and characters with evidence
- Draw inferences with evidence.
- Analyse characters' appearances, actions and relationships and make deductions about differences.
- Recognise the style of different authors and recognises their intended audience

**Writing**

- Write an explanation
  - Write a set of instructions
  - Read, interpret and understand poetry by a particular poet.
  - Read, analyse and understand fiction from our literary heritage.
  - Write in the style of an author.
  - Build vocabulary
- Speaking & Listening**
- Demonstrate attentive and sustained listening.
  - Effectively use intonation, tone, volume and action when speaking.
  - Deepen understanding by questioning the given information.
  - Build a varied and rich vocabulary.
  - Present clearly to a group of people and plan and deliver a Speakers Corner presentation.

**Grammar**

- Use suffixes to convert nouns and adjectives into verbs.
- Use verb prefixes.
- Relative clauses beginning with who, which, where, when, whose and that.
- Use adverbials to indicate degrees of possibility.
- Modal verbs.
- Use conjunctions and determiners to build cohesion within a paragraph.
- Brackets.
- Dashes and commas.
- To use commas to clarify meaning.
- Continue to use a variety of punctuation
- Use adverbials for time, place and number.
- Use dashes and commas to indicate parenthesis.

**Spelling**

- Cious and tious word endings
- Year 5/6 word list
- Homophones

**Sport Lesson (Physical)****Outdoor and Adventurous Activities:**

- Working in teams
- Challenge yourself

**Games:**

- ATHLETICS:
- Running for distance
  - Running for speed
  - Jumping for distance
  - Throwing for distance

**Art and Creativity****Art**

- Look at a range of portraits and comment on style, colour, shapes and mood.
- Share opinions about pieces of art work.
- Use photography to replicate portraits, explore editing colour, brightness and size.
- Draw a portrait using a range of different grades of pencils.
- Explore how colours are used to convey different emotions.
- Use paint to create a background to reflect a particular mood.

**D&T**

- Investigate toys with moving cam mechanisms.
- To investigate different types of cam mechanisms.
- Design a moving toy using a cam mechanism.
- Investigate ways to strengthen a structure.
- To follow a design.
- To evaluate the finished product and processes.

**Music**

- Sing with increasing accuracy, control and expression.
- Play tuned & untuned instruments in solo and ensemble contexts.
- Listen, appreciate and understand live and recorded music.
- Improvise and compose music.
- To record and edit performances.

**Science and Technology****ICT**

- To take, import and edit photographs for a specific purpose.
- To use the internet to research and locate information.
- To identify and discuss the reliability of information found on the internet.
- To record and edit sound, using appropriate software.
- To search a database using different operators.

**Science**

- Describe differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- Describe the life processes of reproduction in some plants and animals.
- Find out about the work a naturalist does.
- Observe and compare reproductions of animals and plants in the local area.

**Spanish**

- Explore patterns and sounds through songs and rhymes.
- Listen attentively and respond by joining in.
- Engage in conversations, ask and answer questions.
- Read carefully and show understanding.
- Appreciate songs, stories and rhymes in Spanish.
- Write phrases from memory, and adapt these to create new sentences.
- Describe people and places orally and in writing.
- Develop accurate pronunciation and intonation.

**Place and Time****Geographic Skills**

- To use maps and digital mapping
- To understand geographical similarities and differences.

**Historical Skills**

- To construct a timeline of key events
- Ask historical questions
- Learn about change, similarities and differences
- Use a variety of primary and secondary sources of information.