

Maths

- multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
- divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- compare and order fractions whose denominators are all multiples of the same number
- 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 and write mathematical statements > 1 as a mixed number [for example, $2/5 + 4/5 = 6/5 = 1 \frac{1}{5}$]
- read, write, order and compare numbers with up to three decimal places

Science - Living things and their habitats

- **Mammals and Birds:** Mammals give birth to live young that drink milk, while birds lay hard-shelled eggs in nests that parents incubate until they hatch.
- **Amphibians and Insects:** Both undergo a major transformation called **metamorphosis**—amphibians change from aquatic tadpoles with gills into air-breathing adults, while insects transform from larvae inside a pupa into winged adults.
- **Plant Sexual Reproduction:** Flowering plants use **pollination** (pollen moved by wind or insects to the stigma) and **fertilisation** (in the ovary) to make seeds, which are dispersed to germinate into new plants.
- **Plant Asexual Reproduction:** Some plants can reproduce without seeds or flowers by using parts of themselves—such as runners, tubers, or bulbs—to grow exact copies (clones) of the parent plant.

ART - Blossoming out

- **Explore Diverse Artists & Biodiversity:** Study plant artworks by diverse artists as inspiration to record ideas and visual information in sketchbooks.
- **Observational Drawing Techniques:** Draw flowers and trees directly from observation, photos, and digital images using a wide range of mark-making implements.
- **Colour Theory & Mixing:** Extend knowledge of primary and secondary colours by mixing accurate tints, tones, and shades.
- **Final Floral & Tree Paintings:** Apply colour-mixing skills and sketchbook studies to create finished paintings of flowers and trees.

Music

- **Read & Perform:** Accurately perform rhythmic notation (quavers to semibreves and rests) in time, both solo and in ensembles.
- **Compose:** Write rhythmic patterns using standard musical notation with fluency and a clear sense of pulse.
- **Evaluate:** Critically review and musically justify feedback on their own and others' performances and compositions.

PSCHE—Protecting the environment, compassion towards others and learning about the Media

- **Protecting the Environment:** Understand how daily choices impact the planet, showing active care and compassion for nature, animals, and living things.
- **Compassion & Community:** Appreciate how volunteering, community involvement, and fair resource sharing support individual well-being and strengthen local society.
- **Media & Digital Literacy:** Identify different media sources, evaluate online content for bias and fact versus fake news, and practice safe, responsible digital habits.

PRINCIPLE

The Principle of Diversity

ETHOS THEME

The Qur'an says that Allah (God) is the creator of the world. Human beings are on the world as trustees or viceregents - they are told to look after the world for Allah and for the future. Muslims believe that all people are guardians, of the planet and have a duty and responsibility for its care (biodiversity conservation)

SUSTAINABILITY THEME

Working together to protect our local biodiversity / green spaces

NAME OF ALLAH

AL-KHAALIQ- The Creator

AYAAT/AHADEETH

“And there is no creature on [or within] the earth or bird that flies with its wings except [that they are] communities like you. We have not neglected in the Register a thing. Then unto their Lord they will be gathered.” (TMQ 6:38)

ENQUIRY DRIVER

How can we preserve our green spaces in the UK?

BOOKS

Boy In The Tower—Polly Ho Yen

DROP DOWN DAY - TRIP

Food

ISLAMIC STUDIES

Basics of tayyamum

- Sunnah muakkadah and ghayr muakkadah
- Witr

QUR'AN

Qur'an: Al-Qiyaamah

- **Tajweed:** Madd Al-Badal, al-Madd al-A'ridh li Sukoon

ARABIC

In Year 5 we will be learning about hobbies and things children do in free time.

- Children will learn in Arabic to speak about their favourite hobbies.

READING

- Read and understand a range of texts
- Develop comprehension skills
- Engage in discussion
- Ask questions about the text
- Draw inferences from the text to answer questions

Writing

- **Textual Study & Inspiration:** Analyze the dystopian science fiction novel *The Boy in the Tower* to understand how authors build atmospheric settings, tension, and environmental themes.
- **Eco-Dystopian Narrative Writing:** Plan and write an original eco-dystopian story, catastrophising a neglected element of nature that rebels with grave consequences for humanity.
- **Character & Suspense Building:** Develop dramatic narrative pacing, vivid imagery, and character reactions to convey fear, survival, and the impact of environmental collapse.
- **Refining & Editing:** Proofread, edit, and enhance descriptive choices to ensure high-impact vocabulary and cohesive structure throughout their imaginative writing.

Geography - Urbanisation and Greenspaces

- **Locational Knowledge & Map Skills:** Use maps to locate London and compare its urban features and growth with rural UK areas and cities across Europe and globally.
- **Urbanisation & Land Use:** Explain the process and causes of urbanisation, comparing different settlement types and how human development impacts rural and urban environments (expanding homes)
- **Green Spaces & Biodiversity:** Analyze how urban greening and green spaces support wildlife, evaluating the effects of urbanisation on UK biodiversity and endangered species.
- **Sustainability & Fieldwork:** Apply fieldwork, graphing, and mapping skills to evaluate London against sustainable city features and study modern sustainable urban strategies.

PE Swimming (girls) Gymnastics (boys)

- To identify and practise body shapes and balances
- To identify and practise symmetrical and asymmetrical body shapes.
- To use and refine the following skills: flexibility, strength, balance, power and mental focus.
- To develop skills for movement, including rolling, bridging and dynamic movement.
- To use counterbalances and incorporate them into a sequence of movements.

Computing-Programming

- **Count-Controlled Loops:** Write and debug programs that use count-controlled loops to repeat actions a specific number of times.
- **Condition-Controlled Loops:** Explain how infinite and conditional loops work to stop execution or continuously check whether a condition is met.
- **Physical Computing & Selection:** Design physical projects that incorporate selection (if/then statements) and simple output circuits (e.g., LEDs, buzzers, or motors).
- **Programming Physical Hardware:** Create and test a complete program that controls a connected physical computing device to execute a designed task