Earth Class Autumn Term 2026



Maths

Year 6

Year 6 pupils will build fluency and confidence with numbers up to 10,000,000, decimals and unit conversions. They will strengthen their mental and written calculation skills, including long multiplication, decimal calculations and multi-step problem solving. Children will investigate prime numbers, common factors, common multiples and volume. In geometry, they will explore angles, shape properties, perimeter and area, including finding missing angles and applying formulae. Pupils will also interpret and construct line graphs and pie charts, and develop their understanding of fractions, decimals and percentages, including calculating and simplifying equivalent fractions.

Maths

Year 5

Year 5 pupils will develop their understanding of place value with numbers up to 1,000,000, including decimals to three decimal places. They will practise mental and written addition, subtraction, multiplication and division, applying these skills to real-life problems and measures. Children will explore prime numbers, factors, multiples, square and cube numbers, alongside converting metric units of measure. In geometry, pupils will learn about angles, properties of shapes, perimeter and area. They will also interpret line graphs and deepen their understanding of fractions, decimals and equivalent fractions.

.

English

Year 5 and 6

SPAG

Range of verb forms
- Fronted adverbials
- Expanded noun phrases
- Range of sentence types
- Perfect verb forms
- Range of clause structures, including relative clauses
- Parenthesis
- Cohesion within and between paragraphs
- Appropriate level of Formality/ control of formality

Passive voice

Spelling

Statutory word lists for year 3,4,5,6

Word families and roots

Prefixes: un-,di-s, mis-, in-im-,il-,ir-, re-, sub-, inter, supoer, auto, anti.

Suffixes: **-ous, -ious -cious: -tious**

cial -tial

Writing

Narrative: Setting & Atmosphere

Genre: Narrative (descriptive opening) mystery/ ghostly

Focus: Setting, mood, imagery

Book/stimulus: Book/stimulus: *The Lost thing*- Shaun Tan

Extended Writing and editing.

Non-fiction Information report

Genre: nonfiction

Stimulis: science unit Living things

Narrative: Characterisation & Dialogue

Genre: Narrative : Fairy tale

Focus: Character, dialogue, viewpoint

Book stimulus:

The Lost Happy Endings by Carol Ann Duffy and Jane Ray

Design Technology **Digital World: navigating the world.** Pupils develop their design, computing and engineering skills by responding to a client brief, creating and evaluating product ideas, and learning how products are designed for specific purposes. They will write and debug simple computer programs, explore how Computer-Aided Design (CAD) is used in industry, and create their own 3D models.	**Computing** **Networks** Pupils will explore computer networks, the internet and the World Wide Web, learning how to communicate, collaborate and stay safe online while understanding how the internet is managed **Databases** Pupils will learn what databases are, create their own databases, use queries to find information and solve problems using data. Online safety	Geography **Why does Population change?** Pupils will explore how and why populations change over time. They will investigate birth and death rates, migration and the impact of climate change on where people live. Children will use maps, fieldwork and data collection to study local environments, compare different locations and suggest ways to improve them. They will also develop their map-reading skills using OS maps and digital mapping tools.

Science: **Living things: Life cycles and reproduction** Pupils will explore the life cycles of plants and animals, including mammals, birds, amphibians and insects. They will learn about reproduction in living things, including asexual reproduction in plants, and compare different life cycles. Through practical investigations and research, children will develop their scientific enquiry skills by observing, questioning, analysing data, making predictions and presenting results using graphs. **Forces and space: unbalanced forces** Pupils will investigate forces and how they affect movement. They will explore gravity, friction, air resistance and water resistance, and learn how these forces act on everyday objects. Through practical investigations, children will plan fair tests, analyse data, draw graphs and evaluate results. They will also discover how levers, pulleys and simple machines make work easier and help objects move more efficiently	Art and design **Painting and mixed media: portraits** Pupils will explore portraiture through drawing, printing and mixed media. They will experiment with a range of materials and techniques, learn how artists communicate ideas through portraits, and develop their ability to discuss and evaluate artwork. Children will create unique photo-based and self-portraits that reflect their identity, making thoughtful choices about composition, colour, texture and presentation to achieve their desired effect.	**RE** **How do people understand good and evil?** Pupils will consider the idea of what is good from a philsophical perspective. They will look at how Christians, Muslims and Humanists construct values - noting similarities and differences. They will examine Aristotle's idea of the golden mean and reflect on their own values

Music

Hey, Mr Miller

Pupils will explore swing music, learning about syncopation, swing rhythms, big band instruments and scat singing. They will compose and perform their own melodies, sing as part of an ensemble and listen to historical swing recordings. They will also discover the social and historical context of swing music.

Shadows

Pupils will explore how different artists are influenced by a range of musical genres. They listen and identify musical features such as timbre, instrumentation and expression, compare pieces using musical vocabulary, and respond creatively to music through movement. Children will develop their listening, performance and evaluation skills while gaining a deeper appreciation of different musical styles

PSHE

My healthy self: How can I support my mind and body as I grow?

Pupils will learn about healthy lifestyles,_including making informed food choices, understanding nutrition labels and the benefits of regular physical activity. They will also explore a range of emotions, recognise how feelings can affect the body, and develop strategies for maintaining good mental health. Children will learn how to seek support, identify trusted adults and understand where to find help when needed.

Citizenship: How can we make a difference in our communities and beyond?

Pupils will learn about communities, democracy and how people can make a positive difference. They will explore the roles of local and national government, including MPs, councillors and Parliament, and understand how taxes help fund services. Children will also discover how community groups and campaigns influence change, developing their understanding of active citizenship and their role in society

History

What can the census tell us?

Pupils will investigate Victorian Britain and local history using census records and other historical sources. They will learn how historians use evidence to find out about people's lives, working conditions and communities in the past. Children will develop their enquiry skills by asking questions, making inferences, comparing changes over time and planning their own local history investigation using census information.