

Art

I can improve my mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]

I can learn about great artists, architects and designers in history.

Geography

I can identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night)

I can describe and understand key aspects of: physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle

Fragile Earth

Year Six



Children will discover the delicate nature of the natural world we inhabit. They will investigate mountains, volcanoes and other natural disasters that have both positive and negative effects on the

Science

I can identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood

I can recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function

I can describe the ways in which nutrients and water are transported within animals, including humans.

I can recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago

History

I can review historical natural disasters and their impact on humans

Reading

I can apply my growing knowledge of root words, prefixes and suffixes (morphology and etymology), both to read aloud and to understand the meaning of new words that I meet.

I can understand what they read by reading books that are structured in different ways and read for a range of purposes.

I can increase my familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions.

I can make comparisons within and across books.

I can understand what I read by checking that the book makes sense to me, discussing my understanding and exploring the meaning of words in context.

I understand what I read by drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence.

I understand what I read by summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas.

I can discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.

I can provide reasoned justifications for my views.

Writing

I can use further prefixes and suffixes and understand the guidance for adding them.

I can use dictionaries to check spelling

I can use a thesaurus.

I can write legibly in joined handwriting when writing at speed, deciding whether or not to join specific letters.

I can plan my writing by identifying the audience for and purpose of the writing, selecting language that shows good awareness of the reader.

I can note and develop initial ideas, drawing on reading and research where necessary.

I can select appropriate vocabulary and grammatical structures that reflect what the writing requires, understanding how such choices can change and enhance meaning.

I can use a wide range of devices to build cohesion within and across paragraphs.

I can use further organisational and presentational devices to structure text and to guide the reader

I can evaluate and edit by proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning.

I can proof-read for spelling and punctuation errors.

I can use grammatical terminology for Year 6 linking ideas across paragraphs using a wider range of cohesive devices: repetition of a word or phrase, grammatical connections.

I can understand layout devices.

I can indicate grammatical and other features by using a colon to introduce a list and punctuating bullet points consistently.

Mathematics

I can recognise that shapes with the same areas can have different perimeters and vice versa.

I can recognise when it is possible to use formulae for area and volume of shapes.

I can calculate the area of parallelograms and triangles.

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I can calculate, estimate and compare volume of cubes and cuboids using standard units, including cm^3 , m^3 and extending to other units (mm^3 , km^3)

I can recognise when it is possible to use formulae for area and volume of shapes.

I can solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.

I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples

I can solve problems involving similar shapes where the scale factor is known or can be found.

