

Yew Class Half Term Learning grid Autumn 2 Extreme Earth

English Year 5 and Year 6

Text focus: The Dreadful Menace Olympics advert
Setting description : Peer Write Monologue ; Poetry
Year 5 and 6
 Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
 Use expanded noun phrases to convey complicated information concisely
 Make deliberate choices of sentence length and structure for impact on the reader
 Use relative clauses beginning with who, which, where, when, whose, that
 Fronted prepositional phrases for greater effect
 Use figurative language such as similes, alliteration, metaphors and personification in poetry
 Use adverbs, prepositional phrases and expanded noun phrases effectively for qualification and precision
 Use a wide range of clause structures, sometimes varying their position within the sentence
 Draft and write by using a wide range of devices to build cohesion within paragraphs

Text Focus: Various non-fiction texts
Non-chronological report about volcanoes
Year 5 and 6
 Plan their writing by:
 - Identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own noting and developing initial ideas, drawing on reading and research where necessary
 Draft and write by:
 - Using a wide range of devices to build cohesion within and across paragraphs
 - Using further organisational and presentational devices to structure text and to guide the reader [for example, headings, bullet points, underlining]
 Evaluate and edit by:
 - Assessing the effectiveness of their own and others' writing
 - Proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
 - Using modal verbs or adverbs to indicate degrees of possibility
 - Using brackets, dashes or commas to indicate parenthesis
 - Use of commas to clarify meaning or avoid ambiguity
 - Use of the colon to introduce a list and use of semi-colons within lists

Newspaper report
Eruption of Vesuvius interactive, You are there: Pompeii 79
Year 5 and 6
 Use relative clauses beginning with who, which, where, when, whose, that
 Use brackets, dashes or commas to indicate parenthesis
 Propose changes to vocabulary, grammar and punctuation to enhance effect and clarify meaning
 Use commas to clarify meaning
 Use a wide range of clause structures, sometimes varying their position within the sentence
 Use the passive to affect the presentation of information in a sentence
 Use semi colons, colons or dashes to mark boundaries between independent clauses
 Select verb forms for meaning and effect e.g. deliberate change of tense

Maths Year 5 and Year 6

Multiplication, Division, Fractions
 Identify factors and multiples, finding all factor pairs of a number and common factors of two numbers.
 - Know prime numbers to 20
 -Recall square numbers and cube numbers, and the notation for them
 -Understand and use the terms factor, multiple, prime, square and cube numbers and use them to construct statements such as $4 \times 35 = 2 \times 2 \times 35$
 -Use place value to multiply and divide numbers by 10 and 100
 -Use knowledge of multiples to estimate division calculations such as $1075 \div 25 \approx 40$ since $4 \times 25 = 100$
 -Identify, name, and write equivalent fractions of a given fraction, including tenths and hundredths
 Compare and order fractions whose denominators are all multiples of the same number
 -Recognise mixed numbers and improper fractions and convert from one form to the other
 -Add and subtract fractions with the same denominator
 -Use common factors to simplify fractions; use common multiples to express fractions in the same denomination
 -Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts
 - Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
 - Compare and order fractions, including fractions larger than one.
 -Identify common factors, common multiples and prime numbers greater than 100, factor pairs of a number and common factors of two numbers
 -Use common factors to simplify fractions
 -Compare and order fractions, including fractions > 1
 -Recognise mixed numbers and improper fractions and convert from one form to the other
 -Add and subtract fractions with different denominators and mixed numbers

Decimals and measure
 Read and write tenths and hundredths as decimals or fractions
 -Round decimals with two decimal places to the nearest whole number
 -Multiply and divide numbers by 10, 100 and 1000 where answers are up to 3 decimal places
 -Convert between different units of metric measure
 -Use all four operations to solve problems involving measure (mass and capacity) using decimal notation including scaling
 -Read, write and convert time between analogue and digital time and solve time problems
 Solve problems involving converting between units of time
 -Perform mental calculations, including with mixed operations and large numbers
 -Identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places
 -Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places
 - Multiply numbers with up to two decimal places by whole numbers

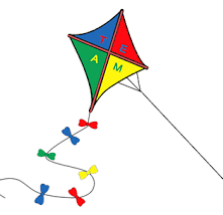
NPV, measurement and operations
 - Convert between different units of metric measure (link to scaling $\times / \div 10, 100, 1000$)
 - Estimate capacity in litres and ml
 -Read scales graded in different sized intervals
 -Understand and use equivalences between metric units and common imperial units such as inches, pounds, and pints
 -Use all four operations to solve problems involving mass and capacity using decimal notation and scaling
 -Use any combination of operations to solve problems
 -Know that the distributive law means that $a(b+c) = ab + ac$ so $13 \times 8 = 8 \times (10 + 3) = 8 \times 10 + 8 \times 3$
 -Multiply numbers up to 4-digits by a one- or two-digit numbers using an appropriate written method

Yew Class Wider Subject Areas

Science	Computing / PSHE	PE	Art & Design	Geography	RE	P4C
Animals including humans -Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood -Describe the ways in which nutrients and water are transported within animals, including humans W.S Use relevant scientific language and illustrations to discuss, communicate and justify our scientific ideas WS: To be able to plan pattern-seeking enquiry WS: To be able to record results using a line graph. -WALT: Describe some of the health risks caused by vaping Challenge: Use critical thinking skills when reading information/media	-Use simplified code to make our programming more efficient -Use our plan to programme the simulation to work in 2Code -Abstract and debug variables within programmes -Create strings to make programmes more efficient	Tag Rugby -Develop their understanding of the attacking and defending principles of invasion games Dance -Work in pairs and groups using different choreographing tools to create dances e.g. formations, timing, dynamics. -Perform dances using a range of movement patterns.	Design and Make: Bridges Explore how to reinforce a beam (structure) to improve its strength. Build a spaghetti truss bridge. Build a wooden truss bridge Complete, reinforce and evaluate my truss bridge	Geographical enquiry: Why do people live near volcanoes? -Name and describe the layers of the Earth -Explain how and where mountains are formed -Explain why volcanoes happen and where they occur -Recognise the negative and positive effects of living near a volcano -Describe what earthquakes are and where they occur -Design and carry out an environmental quality survey around school to find out where is the riskiest	Incarnation – Was Jesus the Messiah? How much does the world need a Messiah? -Explain the place of incarnation and Messiah within the 'big story' of the bible -Explain connections between biblical texts and the idea of Jesus as the Messiah -Explain how Christians put their beliefs about Jesus' incarnation into practice in different ways in celebrating Christmas	Survival, community, isolation

The Big events this term are: Enterprise Week, Christmas Fair, Listen2Me Presentation in the KS2 Carol Concert (Y6)
 The Core values and learning keys we will be focusing on are: Courage, Team, Evaluate

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Year 5

Year 5/6

Year 6

Autumn 1 and 2 Coverage

Reading Phase 1 Objectives

Ask questions to improve their understanding of a text

Check the book makes sense to them by discussing their understanding and exploring the meaning of words in context

Explain and discuss their understanding of what they have read, including through formal presentations and debates, maintaining a focus on the topic and using notes where necessary

Distinguish between statements of fact and opinion and understand why this is important to interpreting the text (and recognise them in the language used by authors to influence readers)

Summarise main ideas drawn from more than one paragraph identifying the key details that support the main ideas

Retrieve, record and present information from non-fiction

Skim and scan efficiently for vocabulary, key ideas and facts on both the printed page and screen and make well organised notes of the main ideas using quotation and reference to the text using own words

Recommend books that they have read, giving reasons for their choice

Participate in discussions about books that are read to them and those they can read for themselves, building on their own and others' ideas and challenging views courteously

Evaluate how successfully the organisation of a text supports the writer's purpose

Provide reasoned justifications for their views

Predict what might happen from details stated and implied

Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence

Give/explain the meaning of words in context

Identify how language, structure and presentation contribute to meaning

Evaluate how authors use language, including figurative language, considering the impact on the reader

Show understanding through intonation, tone and volume so that meaning is clear to an audience

Identify and discuss themes and conventions in a wide range of writing e.g. 'heroism' or 'loss' Isolation , flashback

Read books that are structured in different ways and read for a range of purposes

Identify and comment on genre-specific language features used e.g. shades of meaning between similar words

Make comparisons within and across books