

Willow Class Half Term Learning grid Autumn 1: Journeys of Transformation

Writing Year 4 and Year 5

Descriptive writing:

Note and develop initial ideas, drawing on reading and research where necessary
 Identify audience for, and purpose of, the writing
 Select the appropriate form and use other similar writing as models for their own
 Select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
 Evaluate and edit by assessing the effectiveness of their own and others' writing
 Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
 Use expanded noun phrases to convey complicated information concisely
 Discuss writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar
 Plan their writing by discussing and recording ideas
 Evaluate and edit by assessing the effectiveness of their own and others' writing and suggesting improvements
 Writing is clear in purpose
 Use a varied and rich vocabulary
 Noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases e.g. *the strict maths teacher with curly hair*

Instruction writing: How to create the perfect candle

Use further organisational and presentational devices to structure text and to guide the reader e.g. headings, bullet points, underlining
 Note and develop initial ideas, drawing on reading and research where necessary
 Identify audience for, and purpose of, the writing
 Select the appropriate form and use other similar writing as models for their own
 Evaluate and edit by assessing the effectiveness of their own and others' writing
 Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
 Use expanded noun phrases to convey complicated information concisely
 Use brackets, dashes or commas to indicate parenthesis
 Non-narrative material uses simple organisational devices
 Discuss writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar
 Plan their writing by discussing and recording ideas
 Evaluate and edit by assessing the effectiveness of their own and others' writing and suggesting improvements
 Writing is clear in purpose
 Use conjunctions, adverbs and prepositions to express time and cause for cohesion
 Compose and rehearse sentences orally (including dialogue)
 Use an increasing range of sentence length and structure
 Extend the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although
 Noun phrases expanded by the addition of modifying adjectives, nouns and preposition phrases e.g. *the strict maths teacher with curly hair*

Persuasive writing and pitches

Use further organisational and presentational devices to structure text and to guide the reader e.g. headings, bullet points, underlining
 Note and develop initial ideas, drawing on reading and research where necessary
 Identify audience for, and purpose of, the writing
 Select the appropriate form and use other similar writing as models for their own
 Evaluate and edit by assessing the effectiveness of their own and others' writing
 Propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
 Use expanded noun phrases to convey complicated information concisely
 Use brackets, dashes or commas to indicate parenthesis
 Use relative clauses beginning with who, which, where, when, whose, that, or an omitted relative pronoun
 Non-narrative material uses simple organisational devices
 Discuss writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar
 Plan their writing by discussing and recording ideas
 Evaluate and edit by assessing the effectiveness of their own and others' writing and suggesting improvements
 Writing is clear in purpose
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R

Mathematics Year 4 and Year 5

Place Value

- Recognise the place value of each digit in a four-digit number
- Count in multiples of 25 and 1000
- Find 1000 more or less than a given number
- Identify, represent and estimate numbers using different representations
- Round any number to the nearest 10, 100
- solve number and practical problems
- Read Roman numerals to 100 (I to C)
- Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit
- Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10,000 and 100,000 & solve number problems and practical problems
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

Addition and subtraction

- Add and subtract numbers up to 4 digits
- Solve addition and subtraction problems in contexts, deciding which operations and methods to use and why in the context of statistics
- Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. estimate and use inverse operations to check answers to a calculation.
- Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- Statistics: complete, read and interpret information in tables, including timetables.
- Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.
- Solve comparison, sum and difference problems using information presented in a line graph

Multiplication and division

- Recall 2/3/4/5/6/8 multiplication and division facts for multiplication tables (all tables year 5).
- solve problems involving multiplying and adding using the distributive law to multiply two digit numbers by one digit and integer scaling problems
- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers.
- Know and use the vocabulary of prime numbers
- Multiply and divide numbers mentally drawing upon known facts
- Multiply and divide whole numbers and those involving decimals by 10, 100
- Solve problems involving addition, subtraction, multiplication and division
- Solve problems involving addition, subtraction, multiplication and division including using their knowledge of factors and multiples, squares and cubes

Fractions

- Recognise and show fractions, using diagrams
- Find the effect of dividing a one- or two-digit number by 10 and 100
- Compare and order fractions whose denominators are all multiples of the same number

Willow Class Wider Subject areas

Science

Investigating the states of matter!
 -compare and group materials together, according to whether they are solids, liquids or gases
 -observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
 -identify the part played by evaporation and condensation in the water cycle and how this links with temperature

Computing

Online Safety:
 Understand where to go for help and support when you have concerns about content or contact on the internet or other online technologies
 -Use technology responsibly and understand that communication online may be seen by others

PE

Outdoor: Netball
 -communicate with my team and move into space to keep possession and score.
 -identify when I was successful and what I need to do to improve.
 -pass, receive and shoot the ball with some control under pressure.
 -stay with an opponent and I confident to attempt to intercept.
 -know what position I am playing in and how to contribute when attacking and defending
 -understand the need for tactics and can identify when to use them in different situations.
 -understand the rules of the game and I can apply them honestly most of the time.

Indoor: Dance
 -choose actions and dynamics to convey a character or idea.
 -copy and remember set choreography.
 -provide feedback using appropriate language relating to the lesson.
 -respond imaginatively to a range of stimuli relating to character and narrative.
 -use changes in timing and spacing to develop a dance.
 -use counts to keep in time with others and the music.
 -use simple movement patterns to structure dance phrases on my own, with a partner and in a group.

Design and Technology

Designing and evaluating candle products including packaging design
 - use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or group - investigate existing products to help with own designs!
 - evaluate their ideas and products and make improvements

Geography Economic – Tea

Locate the world's countries, using maps to focus on Asia concentrating on their environmental regions, key physical and human characteristics, countries, and major cities
 Identify the position and significance of Equator, Northern Hemisphere, Tropic of Cancer, Prime/Greenwich Meridian and time zones (including day and night)
 Physical geography: climate zones
 Physical geography: biomes and vegetation belts
 Human geography: the distribution of natural resources including food
 Human geography: economic activity including trade links
 Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
 Use the eight points of a compass to build their knowledge of the wider world
 Use symbols and key to build their knowledge of the wider world
 Use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs & digital technologies

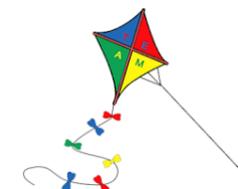
RE

Creation
 -Explore what Christians believe, what scientists believe, then discuss our own ideas

P4C

Value, business, enterprise, teamwork, journeys, fairness, money, creativity, innovation

**Willow Class Half Term Learning grid
Autumn 1: Journeys of Transformation**



The Big events this term are: visit from Liam Cooke from the Beaulieu Candle Company to launch and judge our candle project
The Core values and learning keys we will be focusing on are: evaluate, explore, teamwork

Reading:

	Word Reading	Comprehension Clarify	Comprehension Monitor and Summarise	Comprehension Select and Retrieve	Comprehension Respond and Explain	Inference	Language for Effect	Themes and Conventions
Year 5	<i>Apply their growing knowledge of root words, prefixes and suffixes (morphology and etymology), as listed in English Appendix 1, both to read aloud and to understand the meaning of new words that they meet</i>	As below	<i>Check the book makes sense to them by discussing their understanding and exploring the meaning of words in context</i>	As below and understand why this is important to interpreting the text Skim and scan efficiently for vocabulary, key ideas and facts on both the printed page and screen	Recommend books that they have read, giving reasons for their choices <i>Participate in discussions about books building on their own and others' ideas and challenging views courteously</i> <i>Provide reasoned justifications for their views</i>	As below Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence	As below 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' Read books that are structured in different ways and read for a range of purposes
Year 4	Apply their growing knowledge of root words, prefixes and suffixes (etymology and morphology) as listed in English Appendix 1, both to read aloud and to understand the meaning of new words they meet Read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word	Ask questions to improve their understanding of a text Use dictionaries to check the meaning of words that they have read Discuss understanding as it develops and explain the meaning of words in context	Identify main ideas drawn from more than one paragraph and summarising these	Retrieve and record information from non-fiction Recognise and distinguish between fact and opinion SOME TAUGHT IN SCIENCE/ GEOGRAPHY LESSONS!	Listen to and discuss a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks Discuss words and phrases that capture the reader's interest and imagination	Predict what might happen from details stated and implied Draw sound inferences, supported through reference to the text	Identify how language, structure, and presentation contribute to meaning Identify specific techniques, e.g. simile, metaphor, repetition and exaggeration; explaining the effect on them as a reader SOME TAUGHT IN ENGLISH POETRY LESSONS!	Identify themes and conventions in a wide range of books e.g. make RELEVANT links to texts and personal experience, recognise conventions like 'power of 3' (3 wishes, 3 characters) Identify how a range of presentational devices guide the reader in non-fiction