

PRIMARY TOPIC PLANNER - Year 5

HISTORY

- Know and understand the history of the British Isles as a chronological narrative
- Know how people's lives have shaped this nation and how Britain has influenced the wider world.
- Gain and deploy a historically grounded understanding of abstract terms such as empire, civilisation, parliament and peasantry.
- Understand concepts such as continuity and change, cause and consequences, similarity and difference etc.
- To frame historically valid questions and create written accounts, narratives and analysis.
- Understand methods of historical enquiry, including how evidence is used to make historical claims.

GEOGRAPHY

- To interpret a range of sources of geographical information including maps, diagrams, aerial photos, ordnance survey and globes.

FRENCH

- To name and discuss instruments.
- To prepare for secondary school language learning.
- To read and write a story in French.

SCIENCE

- Recognise that light appears to travel in straight lines.
- Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.
- Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- Describe the ways in which nutrients and water are transported within animals, including humans.

THE ARTS (Art/DT)

ART

- To produce creative work, explore ideas and record experiences.
- To become proficient at drawing, painting and other art, craft and design techniques.
- To know about great artists, craft people and designers and understand the historical and cultural relevance of art forms.

DT

- To develop the creative, technical and practical expertise needed to perform everyday tasks.
- To participate successfully in an increasingly technological world.
- Build and apply a repertoire of knowledge, understanding and skills in order to design and make prototypes and products.

Autumn Topic 2020 WW2

PSHCE

- New Beginnings
- Getting on and falling out
- Anti-bullying week
- Myself and my relationship
- Healthy and Safer Lifestyles
- Family and Friends

SUSTAINABILITY

- To look at the importance of renewable energies.
- To understand the process and that burning fossil fuels produces greenhouse gases.

MUSIC

- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.
- Improvise and compose music for a range of purposes using the inter-related dimensions of music.
- Listen with attention to detail and recall sounds with increasing aural memory.
- Use and understand staff

RE

- To learn about the life of Buddha.
- To discuss Buddhist stories.
- To investigate Buddhist beliefs.
- To explore the concept of community in the Buddhist tradition.
- What does it mean to be a humanist?
- What do humanists believe?

COMPUTING

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

ENGLISH – first half term

Classic Fiction

- Discuss extracts from classic texts.
- Share and justify their views.
- Identify features of style.
- Rehearse basic speech punctuation when punctuating speech.
- Converting drama script into dialogue using correct punctuation.
- Answer questions about a text.
- Explore differences in spoken and written language.
- Role-play conflict situations in pairs.
- Record dialogue from role-play in draft form.
- Write a short narrative with dialogue based on role-play.
- Use informal language.

Biography and Autobiography

- Define biography and autobiography.
- Identify the features of a biography.
- Analyse some biographical texts.
- Rehearse the layout and punctuation of speech.
- Find words with the prefixes auto- and bio-.
- Find words with the suffix -graphy.
- Use dictionary skills.
- Identify simple, compound and complex sentences.
- Create new complex sentences by changing the main clause.
- Compare an excerpt from a biography with an autobiographical-style story based on the same event.

Classic Poetry

- Identify features of poetry.
- Prepare and memorise sections of a classic poem.
- Recite a classic poem as a group.
- Compare two versions of a poem.
- Investigate the use of language for effect.
- Justify their opinions using examples from the text.
- Spelling words with suffixes -ant, -ance/-ancy, -ent, -ence
- Rehearse newspaper report features.
- Role-play as a character from a poem.
- Ask questions of/interview a hot-seated character.
- Make notes from a particular point of view.

ENGLISH – second half term

Faraway Fiction

- Answer open ended questions.
- Write a draft of a different ending for a story.
- Redraft sentences to make them more descriptive.
- Look at and identify interesting description in a text
- Identify and use noun phrases, expanded by the addition of modifying adjectives and preposition phrases.
- Identify subordinate clauses and use these to add information about time, place and cause
- Link ideas across paragraphs using adverbials of time.
- Identify powerful and descriptive sentences in a text.
- Use a thesaurus to find alternative verbs and adverbs.
- Write a lively account of tea-tasting.
- Learn about and use relative pronouns.
- Learn about and use relative clauses.
- Use extended vocabulary to describe the sensations.

Argument and Debate

- Identify language features used in argument text.
- Learn spelling of words ending in -tial and -cial.
- Use bullet points, colons and semi-colons as appropriate.
- Rank arguments and counter arguments in order of importance.
- Understand cohesion in a text and that there are different devices to achieve this.
- Identify and use adverbials for time, place and number.
- Identify sentence openers for argument texts, including adverbials of manner.
- Understand the difference between fact and opinion.
- Identify facts and opinions in argument text.
- Decide on a debate topic.

Learning and Reading Poetry

- Identify features of poetry.
- Prepare and memorise sections of a classic poem.
- Recite a classic poem as a group.
- Compare two versions of a poem.
- Investigate the use of language for effect.
- Justify their opinions using examples from the text.
- Spelling words with suffixes -ant, -ance/-ancy, -ent, -ence
- Rehearse newspaper report features.

ENGLISH

Grammar and Punctuation

- Recognising vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms.
- Using passive verbs to affect the presentation of information in a sentence.
- Using the perfect form of verbs to mark relationships of time and cause.
- Using expanded noun phrases to convey complicated information concisely.
- Using modal verbs or adverbs to indicate degrees of possibility.
- Using relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun.
- Using commas to clarify meaning or avoid ambiguity in writing.
- Using hyphens to avoid ambiguity.
- Using brackets, dashes or commas to indicate parenthesis.
- Using semi-colons, colons or dashes to mark boundaries between independent clauses.
- Using a colon to introduce a list.
- Punctuating bullet points consistently.

Spelling

- Use further prefixes and suffixes and understand the guidance for adding them.
- Spell some words with 'silent' letters [for example, knight, psalm, solemn].
- Continue to distinguish between homophones and other words which are often confused.
- Use knowledge of morphology and etymology in spelling and understand that the spelling of some words needs to be learnt specifically, as listed in English Appendix 1.
- Use dictionaries to check the spelling and meaning of words.
- Use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary.
- Use a thesaurus.

MATHEMATICS – first half term

- Begin to mark numbers on a landmarked line, compare and order numbers, using $<$ and $>$ signs, work systematically to find all possible inequalities, find 1 and 10 more or less using the 100-square, find 10 more and 10 less than any 2-digit number.
- Add and subtract 2-digit numbers mentally; choose a strategy for solving mental additions or subtractions; solve word problems.
- Understand place value in decimal numbers; multiply and divide numbers with up to two decimal places by 10 and 100; multiply and divide by 0 and 100; add and subtract 0.1 and 0.01; multiply and divide by 4 by doubling or halving twice; use mental multiplication strategies to multiply by 20, 25 and 9.
- Revise converting 12-hour clock times to 24-hour clock times; find a time a given number of minutes or hours and minutes later; calculate time intervals using 24-hour clock format; measure lengths in mm and convert to cm; find perimeters in cm and convert cm to m.
- Solve subtraction using a written method for 3-digit – 3-digit numbers and for 4-digit numbers; use counting up (Frog) as a strategy to perform mental subtraction; find change from a multiple of ten pounds using counting up.
- Recognise which numbers are divisible by 2, 3, 4, 5, 6, 9 and 25 and identify multiples; find factors; recording results systematically and finding all factors of a given number; compare and place fractions on a line; find equivalent fractions and reduce them to their simplest form.

MATHEMATICS – second half term

- Use mental strategies to multiply and divide multiples of 10 and 100; use a written method to multiply 3-digit and 4-digit numbers by 1-digit numbers and estimate answers, divide 3-digit numbers by 1-digit numbers using a written method and express remainders as a fraction and solve division word problems.
- Use a protractor to measure and draw angles in degrees; recognise, use terms and classify angles as obtuse, acute and reflex; recognise that angles on a line total 180° and angles round a point total 360° ; identify and name parts of a circle including diameter, radius and circumference; draw circles to a given radius using a pair of compasses; relate angles to turns, and recognise that a 360° angle is a complete turn; use angle facts to solve problems related to turn.
- Place numbers to 100 000 and decimals up to two places on a line, round numbers to the nearest 10, 100 and 1000 and decimals up to two places to the nearest whole number; compare and order numbers with up to two decimal places; reduce fractions to their simplest form; know and recognise equivalent fractions and decimals to half, tenths and fifths.
- Revise mental and written addition and subtraction strategies, choose to use a mental strategy or written method to solve addition and subtraction, choose to solve word problems involving multiplication and division questions including 2- and 3-digit by 1-digit and 2-digit by 2-digit using a mental or a written method, use mathematical reasoning to work out a function, identify the operation being used on numbers, understand that addition and subtraction are inverse operations multiplication and division, use function machines.