



Wow Starter: Children will be having a hands on experience with fossils and dinosaurs bones (bones and dinosaurs may be

Final Event: WE FOUND A DINOSAUR EGG AND THE EGG HAS HATCHED!!!  
:O

## LITERACY

### Reading - word reading UKS2

- e200 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.

### Reading - comprehension UKS2

- e202 continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- e204 increasing their 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
- e212 asking questions to improve their understanding
- e218 distinguish between statements of fact and opinion
- e219 retrieve, record and present information from non-fiction

### Writing - transcription - Spelling UKS2

- e223 use further prefixes and suffixes and understand the guidance for adding them
- e224 spell some words with 'silent' letters [for example, knight, psalm, solemn]
- e225 continue to distinguish between homophones and other words which are often confused
- e226 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
- e227 use dictionaries to check the spelling and meaning of words
- e228 use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary

- e229 use a thesaurus.

### Writing - handwriting and presentation UKS2

- e231 choosing which shape of a letter to use when given choices and deciding whether or not to join specific letters
- e232 choosing the writing implement that is best suited for a task.

### Writing - composition UKS2

- e234 identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- e235 noting and developing initial ideas, drawing on reading and research where necessary
- e238 selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- e244 assessing the effectiveness of their own and others' writing
- e246 ensuring the consistent and correct use of tense throughout a piece of writing
- e247 ensuring correct subject and verb agreement when using singular and plural, distinguishing between the language of speech and writing and choosing the appropriate register
- e248 proof-read for spelling and punctuation errors

### Writing - vocabulary, grammar and punctuation UKS2

- e253 using the perfect form of verbs to mark relationships of time and cause
- e254 using expanded noun phrases to convey complicated information concisely
- e257 learning the grammar for years 5 and 6 in English Appendix 2

In English this term, children will be learning how to write explanation texts using our current topics (Dinosaurs and Fossils as well as Properties). They will initially learn about the key features of an explanation text before attempting to write several short assessed explanation texts.

Using the IPEELL scheme of work, children will plan, write and self assess every piece of work they write. In addition to this, children will be peer assessing work.

Children will be showing a variety of techniques in Art this term, from simple sketches to more complex, multi-layered water colour paintings. Our theme for Art this term will be Dinosaurs and Fossils.

We will continue to use the Charanga music scheme during the spring term.

Fractions including decimals and percentages will be the core focus for Maths this term.

Children will take their pre test on the first day back of term then we will commence our learning and understanding of fractions which includes decimals and percentages. Children will be required to know the equivalent fractions as well as their decimal equivalents. They will also be challenged to understand percentages and fractions of numbers.

Once the children have shown a strong understanding and knowledge of fractions they will sit down to take a post test.

## Fantastic Fossils (Y5 T3)

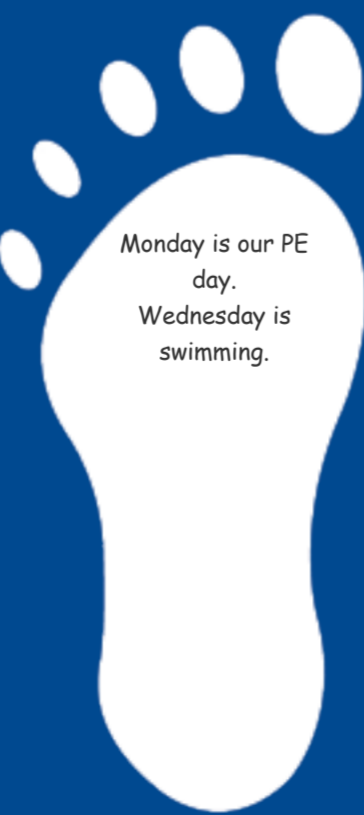
Spring term begins with Year 5 looking at properties (changes of state and materials). Initially the children will work in small groups to discuss what they already know and also what they would like to find out regarding properties. They will then endeavour to create scientific questions which may lead to an investigation or a research objective.

This term, we are trialling allowing the children to generate the science topic they wish to learn about through questions and discussions.

During our PSED sessions year 5 will be discussing important local political decisions. This will include the recent local election and how that affects them. As well as discussions around "Brexit".

In our RE lessons, we are looking at Muslim cultures and beliefs and how they differ from other religions. We will also be looking at any similarities that occur in a variety of cultures and religions.

In PE this term the children will be continuing with swimming. They will be developing the use of the four strokes and aiming to achieve a distance of 25m. Those who have already achieved this will be developing personal survival skills and well as developing technique and introducing diving and tumble turns. In gymnastics the children will be developing spinning and turning and developing the use of holes and barriers. They will look at developing and refining sequences, individually, with a partner and in small groups.



## MATHEMATICS AND COMPUTING

### Number - fractions (including decimals and percentages) UKS2

- m179 compare and order fractions whose denominators are all multiples of the same number
- m180 identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- m181 recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, 2/5 + 4/5 = 6/5 = 1 1/5]
- m182 add and subtract fractions with the same denominator and denominators that are multiples of the same number
- m183 multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- m184 read and write decimal numbers as fractions [for example, 0.71 = 71/100]

- m185 recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- m186 round decimals with two decimal places to the nearest whole number and to one decimal place
- m187 read, write, order and compare numbers with up to three decimal places
- m188 solve problems involving number up to three decimal places
- m189 recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal
- m190 solve problems which require knowing percentage and decimal equivalents of 1/2, 1/4, 1/5, 2/5, 4/5 and those fractions with a denominator of a multiple of 10 or 25.

## UNDERSTANDING THE WORLD

### Working scientifically UKS2

- sc80 planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- sc82 recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- sc83 using test results to make predictions to set up further comparative and fair tests
- sc84 reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- sc85 identifying scientific evidence that has been used to support or refute ideas or arguments.

- sc90 know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- sc91 use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- sc92 give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- sc93 demonstrate that dissolving, mixing and changes of state are reversible changes
- sc94 explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

### Properties and changes of materials UKS2

- sc89 compare and group together everyday

## EXPRESSIVE ARTS AND DESIGN

### UKS2

- ad16 I can show in my sketch book how I have developed techniques and ideas

- ad19 I can show examples of painting with different kinds of paint

## COMMUNICATION AND LANGUAGE

### UKS2

- fl1 I can understand what is being said to me and respond correctly
- fl2.1 I can spell and pronounce the words correctly in the songs and poems I know
- fl3 I can have a conversation including asking and answering questions
- fl3.1 I can express my own and understand others' opinions

- fl5 I can pronounce words correctly so that I am understood
- fl6 I can communicate and be understood in different situations
- fl9 I use a dictionary to help me to understand and learn new words
- fl11 I can speak and write about everyday life

## PSED & RELIGIOUS EDUCATION

### PSED Preparing to play an active role as citizens UKS2

- pc34 Understand why and how laws are made and enforced.
- pc35 Understand there are consequences when rules/laws are broken.
- pc38 Identify the bias in media reporting.

### PSED Developing confidence and responsibility and making the most of their abilities UKS2

- pc35 Begin to set personal goals.
- pc37 Take action based on responsible choices.

### Learning About Religion UKS2

- ra36 Identify and begin to describe the similarities in religions
- ra37 Describe differences between religions.
- ra38 Investigate the significance of religion in the local, national and global communities.

## PHYSICAL EDUCATION

### UKS2

- pe13.1 I can perform fluent gymnastics sequences to demonstrate my control and balance
- pe16 I can show you my record of sporting performances
- pe16.1 I can show you how I have improved in different activities over time
- pe16.2 I can tell you my personal best in a particular activity and my aspirations for the future

### Swimming and water safety UKS2

- pe17 I can swim unaided in a recognised style over a distance of 25m
- pe17.1 I can swim at least two strokes in a recognised style
- pe17.2 I can demonstrate self-rescue skills

# Fantastic Fossils (Y5 T3) - Stage Coverage

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- **sc84** reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- **sc85** identifying scientific evidence that has been used to support or refute ideas or arguments.

### Properties and changes of materials UKS2

- **sc89** compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets
- **sc90** know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution
- **sc91** use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating
- **sc92** give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic
- **sc93** demonstrate that dissolving, mixing and changes of state are reversible changes
- **sc94** explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

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- **m190** solve problems which require knowing percentage and decimal equivalents of  $1/2$ ,  $1/4$ ,  $1/5$ ,  $2/5$ ,  $4/5$  and those fractions with a denominator of a multiple of 10 or 25.

## PHYSICAL EDUCATION

### UKS2

- **pe13.1** develop flexibility, strength, technique, control and balance, for example gymnastics
- **pe16** compare their performances with previous ones.
- **pe16.1** demonstrate improvement
- **pe16.2** demonstrate their personal best.

### Swimming and water safety UKS2

- **pe17** swim competently, confidently and proficiently over a distance of at least 25 metres
- **pe17.1** use a range of strokes effectively such as front crawl, backstroke and breaststroke
- **pe17.2** perform safe self-rescue in different water-based situations.

## EXPRESSIVE ARTS AND DESIGN

### UKS2

- **ad16** to create sketch books to record their observations and use them to review and revisit ideas
- **ad19** to improve their mastery of art and design techniques, including painting with a range of materials

## LITERACY

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## COMMUNICATION AND LANGUAGE

### UKS2

- **fl1** listen attentively to spoken language and show understanding by joining in and responding
- **fl2.1** link the spelling, sound and meaning of words
- **fl3** engage in conversations; ask and answer questions
- **fl3.1** engage in conversations and express opinions and respond to those of others
- **fl5** develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases
- **fl6** present ideas and information orally to a range of audiences
- **fl9** broaden their vocabulary and develop their ability to understand new words that are introduced into familiar written material, including through using a dictionary
- **fl11** describe people, places, things and actions orally and in writing

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