



MATHEMATICS AND COMPUTING

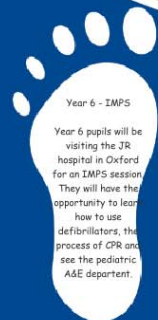
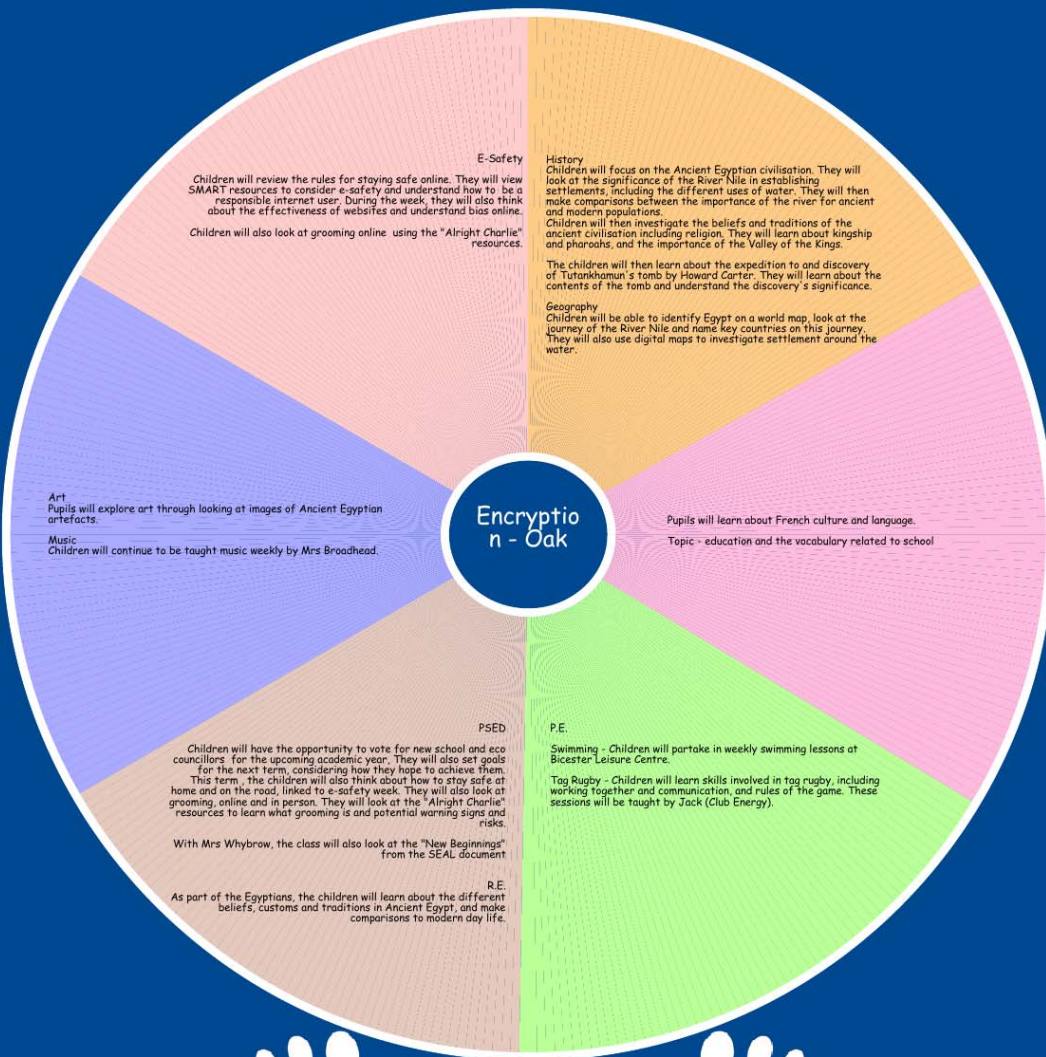
- UKS2**
- **co41** I can use search technologies effectively
 - **co42** I am aware that information from some sources may not be accurate
 - **co43** I understand that some sources are biased
 - **co45** I can use a variety of software to present data and information (including combining images and text, multi-media presentations and data-bases)
 - **co46** I know the rules for keeping safe on the internet and how to be a responsible internet user
 - **co47** I know what is acceptable content and behaviour on the internet and what to do if I am, or any of my friends are, a victim of any inappropriate on-line behaviour

EXPRESSIVE ARTS AND DESIGN

- UKS2**
- **ad17** I can describe the range of materials I have used since being in KS1
 - **ad18** I can show examples of drawing using pencil and charcoal.
 - **ad19** I can show examples of painting with different kinds of paint
 - **ad20** I can show examples of my work in clay
 - **ad21** I can talk about some famous artists, architects and designers from the past
- UKS2**
- **mu23** I can sing in a group, or on my own, with expression, awareness of others and in tune
 - **mu28** I can listen carefully and perform accurately from memory
 - **mu31** I can describe, compare and evaluate different kinds of music
 - **mu32** I can identify music from different traditions
 - **mu34** I can talk about the music in the periods of history I have studied, what part it played in people's lives and how modern notation and instruments developed over time

PSED & RELIGIOUS EDUCATION

- PSED Preparing to play an active role as citizens**
- UKS2**
- **pa37** Participate in the school's decision making process.
- 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.
- PSED Developing a healthy, safer lifestyle** UKS2
- **ph20** To recognise and judge what kind of physical contact is acceptable or unacceptable.
 - **ph21** Begin to make choices and decisions about issues affecting their health and well being.
 - **ph22** Decide how to behave responsibly.
 - **ph23** Develop sensible rules for road use.
- PSED Developing good relationships and respecting the differences between people** UKS2
- **pr31** Be aware of different types of relationships.
 - **pr32** Recognise and challenge stereotypes.
- PSED Preparing to play an active role as citizens**
- UKS2**
- **pa41** Realise the consequence of anti-social and aggressive behaviour.
 - **pa44** To realise the consequences of anti social and aggressive behaviours, such as bullying and racism, on individuals and communities.
- PSED Developing confidence and responsibility and making the most of their abilities** UKS2
- **pc43** Continue to reflect and evaluate their own experiences and set personal goals.
- PSED Developing a healthy, safer lifestyle** UKS2
- **ph24** Use basic techniques to resist peer pressure to behave in an unacceptable or risky way.
 - **ph25** Follow simple, safe routines to reduce the spread of bacteria and viruses that affect health.
 - **ph26** Recognise the different risks in different situations.
 - **ph27** Judge what kind of physical contact is acceptable or unacceptable.
- PSED Developing good relationships and respecting the differences between people** UKS2
- **pr36** Identify how to find information and advice through helplines.





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

- e201 maintain positive attitudes to reading and understanding of what they read by:
 - e202 continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
 - e203 reading books that are structured in different ways and reading for a range of purposes
 - 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
 - e205 recommending books that they have read to their peers, giving reasons for their choices
 - e211 checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
 - e212 asking questions to improve their understanding
 - e213 drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
 - e214 predicting what might happen from details stated and implied
 - e215 summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
 - e216 identifying how language, structure and presentation contribute to meaning
 - e218 distinguish between statements of fact and opinion
 - e219 retrieve, record and present information from non-fiction
 - e222 provide reasoned justifications for their views.

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)
- 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

- e230 write legibly, fluently and with increasing speed by:
 - e231 choosing which shape of a letter to use when given choices and deciding whether or not to join specific letters

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
- e241 using a wide range of devices to build cohesion within and across paragraphs
- e242 using further organisational and presentational devices to structure text and to guide the reader (for example, headings, bullet points, underlining)
- e243 evaluate and edit by:
 - e244 assessing the effectiveness of their own and others' writing
 - e245 proposing changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
 - 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
 - e249 perform their own compositions, using appropriate intonation, volume, and movement so that meaning is clear.

Writing - vocabulary, grammar and punctuation UKS2

- e251 recognising vocabulary and structures that are appropriate for formal speech and writing, including subjunctive forms
- e254 using expanded noun phrases to convey complicated information concisely
- e255 using modal verbs or adverbs to indicate degree of possibility
- e256 using relative clauses beginning with who, which, where, when, whose, that or with an implied (i.e. omitted) relative pronoun
- e257 learning the grammar for years 5 and 6 in English Appendix 2
- e259 using commas to clarify meaning or avoid ambiguity in writing
- e261 using brackets, dashes or commas to indicate parenthesis
- e263 using a colon to introduce a list
- e264 punctuating bullet points consistently
- e265 use and understand the grammatical terminology in English Appendix 2 accurately and appropriately in discussing their writing and reading.

English

This term, children will focus on:

- Formal and informal letters, leading to persuasive writing. Children will look at formal and informal language in letters. They will identify key literary features, before writing their own postcards from Egypt. Children will then move on to persuasive language in formal letters, before writing their own to the Egyptian Government.
- Biography. Children will learn about the literary features of biographies. They will identify and use appropriate language to write their own biography linked to the Howard Carter expedition.
- Grammar and Punctuation - synonyms and antonyms, sentence types, clause types, including using commas for parenthesis, word classes

Oak - English and Maths - Term 1

Maths

This term, children will focus on:

- Place Value. Children will look at 5, 6, and 7-digit numbers, including the value of each digit, using place value grids and comparing and ordering using $>$, $=$, $<$. multiply and divide whole numbers by 10, 100, 1000.
- Calculation. Children will practise formal written methods for addition, subtraction, multiplication and division. They will understand how to use a calculator to check their work, and how to use the inverse when appropriate.
- Geometry - properties of shape. Children will focus on properties of 2D and 3D shapes, including using appropriate mathematical vocabulary. They will also look at, draw and identify different types of angles.
- 'On the Ball' strategies - rounding whole numbers to 10, 100 and 1000, practising multiplication facts at speed, prime numbers, factors, multiples

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Number - number and place value UKS2

- m158 read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit
- m160 interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
- m161 round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000

Number - addition and subtraction UKS2

- m164 add and subtract whole numbers with more than 4 digits, including using formal written methods (column addition and subtraction)
- m167 solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

Number - multiplication and division UKS2

- m168 identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- m169 know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers
- m170 establish whether a number up to 100 is prime and recall prime numbers up to 19

- m171 multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
- m173 divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- m174 multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
- m176 solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes
- m177 solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

Geometry - properties of shapes UKS2

- m198 identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- m199 know angles are measured in degrees; estimate and compare acute, obtuse and reflex angles
- m200 draw given angles, and measure them in degrees ($^{\circ}$)
- m206 distinguish between regular and irregular polygons based on reasoning about equal sides and angles.

