

## END OF YEAR 5 EXPECTATIONS

## Information for parents and pupils

This booklet outlines the national expectations for children in Year 5 by the end of the academic year. The expectations are from the new National Curriculum which was introduced in September 2014. Also included are the expected spelling words for together with times tables to support maths learning.



BE COMMITTED in all you do


# THE SIX 'C's 



BE COURAGEOUS
to make mistakes and learn from them The sinc cirn


BE CARING to yourself and others



CHALLENGE YOURSELF to be the best that you can be!



## INTRODUCTION

This booklet outlines the national expectations for children in Year 5 by the end of the academic year.

The expectations are from the new National<br>Curriculum which was introduced in<br>September 2014.

Also included are the expected spelling words for

Years 5 and 6 children, together with
times tables to support maths learning.

# END OF YEAR 5 EXPECTATIONS FOR LITERACY 

## READING

1. Applies a growing knowledge of root words, prefixes and suffixes, both to read aloud and to understand the meaning of new words that are met.
2. Increases 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.
3. Checks that the book makes sense to the reader, discussing the individual's understanding and exploring the meaning of words in context.
4. Summarises the main ideas drawn from more than one paragraph, identifying key details that support the main ideas.
5. Retrieves, records and presents information from non -fiction.
6. Participates in discussions about books that are read to the child and those that can be read independently.
7. Provides reasoned justifications for their views about a book.

## WRITING:

## COMPOSITION

1. Identifies the audience for, and purpose of, the writing.
2. Selects the appropriate form and uses other similar writing as models for their own.
3. Proof-reads for spelling and punctuation errors.
4. Ensures the consistent and correct use of tense throughout a piece of writing.
5. Uses further organisational and presentational devices to structure text and to guide the reader (eg headings, bullet points, underlining).
6. Describes settings, characters and atmosphere.

## SPELLING AND GRAMMAR (SPAG)

1. Converts nouns or adjectives into verbs using suffixes (eg -ate; -ise; -ify).
2. Indicates degrees of possibility using adverbs (eg perhaps, surely) or modal verbs (eg might, should, will, must).
3. Uses devices to build cohesion within a paragraph (eg then, after that, this, firstly).
4. Uses commas to clarify meaning or avoid ambiguity.

# END OF YEAR 5 EXPECTATIONS FOR MATHS 

## NUMBER AND PLACE VALUE

1. Reads, writes, orders and compares numbers to at least 1,000,000 and determines the value of each digit.
2. Interprets negative numbers in context, counts forwards and backwards with positive and negative whole numbers including through zero.

## ADDITION AND SUBTRACTION

1. Adds and subtracts whole numbers with more than four digits, including using formal written methods (columnar addition and subtraction).
2. Numbers mentally with increasingly large numbers (eg 12,462-2,300 = 10,162).

## MULTIPLICATION AND DIVISION

1. Identifies multiples and factors including finding all factor pairs of a number and common factors of two numbers.
2. Solves problems involving multiplication and division including using a knowledge of factors and multiples, squares and cubes.
3. Solves problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates.

## STATISTICS

1. Completes, reads and interprets information in tables, including timetables.

## END OF YEAR 5

 EXPECTATIONS FOR MATHS
## FRACTIONS

(INCLUDING DECIMALS)

1. Compares and orders fractions whose denominators are all multiples of the same number
2. Reads and writes decimal. numbers as fractions eg 0.71 = 71/100.
3. Reads, writes, orders and compares numbers with up to three decimal places.
4. Solves 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 .

## GEOMETRY:

## PROPERTIES OF SHAPE

1. Draws given angles and measures them in degrees (0);.
2. Distinguishes between regular and irregular polygons based on reasoning about equal sides and angles.

## MEASUREMENT

1. Converts between different units of metric measure (eg kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre).
2. Measures and calculates the perimeter of composite rectilinear shapes in centimetres and metres.
3. Calculates and compares the area of rectangles (including squares), and including using standard units, square centimetres (cm2) and square metres (m2).

# EXPECTED SPELLING WORDS <br> FOR YEARS 5 \& 6 

| accompany | conscience | explanation | necessary | rhythm |
| :---: | :---: | :---: | :---: | :---: |
| according | conscious | familiar | neighbour | sacrifice |
| achieve | controversy | foreign | nuisance | secretary |
| aggressive | convenience | forty | occupy | shoulder |
| amateur | correspond | frequently | occur | signature |
| ancient | criticise <br> (critic + ise) | government | opportunity | sincere(ly) |
| apparent | curiosity | guarantee | parliament | soldier |
| appreciate | definite | harass | persuade | stomach |
| attached | desperate | hindrance | physical | sufficient |
| available | determined | identity | prejudice | suggest |
| average | develop | immediate(ly) | privilege | symbol |
| awkward | dictionary | individual | profession | system |
| bargain | disastrous | interfere | programme | temperature |
| bruise | embarrass | interrupt | pronunciation | thorough |
| category | environment | language | queue | twelfth |
| cemetery | equip <br> (-ped,--ment) | leisure | recognise | variety |
| committee | especially | lightning | recommend | vegetable |
| communicate | exaggerate | marvellous | relevant | vehicle |
| community | excellent | mischievous | restaurant | yacht |
| competition | existence | muscle | rhyme |  |

## TIMES TABLES

| 2 x |  | $5 x$ |  | $10 \times$ |  | $4 \times$ |  | 3 X |  | $8 \times$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1 \times 2=$ | 2 | $1 \times 5=$ | 5 | $1 \times 10=$ | 10 | $1 \times 4=$ | 4 | $1 \times 3=$ | 3 | $1 \times 8=$ | 8 |
| $2 \times 2=$ | 4 | $2 \times 5=$ | 10 | $2 \times 10=$ | 20 | $2 \times 4=$ | 8 | $2 \times 3=$ | 6 | $2 \times 8=$ | 16 |
| $3 \times 2=$ | 6 | $3 \times 5=$ | 15 | $3 \times 10=$ | 30 | $3 \times 4=$ | 12 | $3 \times 3=$ | 9 | $3 \times 8=$ | 24 |
| $4 \times 2=$ | 8 | $4 \times 5=$ | 20 | $4 \times 10=$ | 40 | $4 \times 4=$ | 16 | $4 \times 3=$ | 12 | $4 \times 8=$ | 32 |
| $5 \times 2=$ | 10 | $5 \times 5=$ | 25 | $5 \times 10=$ | 50 | $5 \times 4=$ | 20 | $5 \times 3=$ | 15 | $5 \times 8=$ | 40 |
| $6 \times 2=$ | 12 | $6 \times 5=$ | 30 | $6 \times 10=$ | 60 | $6 \times 4=$ | 24 | $6 \times 3=$ | 18 | $6 \times 8=$ | 48 |
| $7 \times 2=$ | 14 | $7 \times 5=$ | 35 | $7 \times 10=$ | 70 | $7 \times 4=$ | 28 | $7 \times 3=$ | 21 | $7 \times 8=$ | 56 |
| $8 \times 2=$ | 16 | $8 \times 5=$ | 40 | $8 \times 10=$ | 80 | $8 \times 4=$ | 32 | $8 \times 3=$ | 24 | $8 \times 8=$ | 64 |
| $9 \times 2=$ | 18 | $9 \times 5=$ | 45 | $9 \times 10=$ | 90 | $9 \times 4=$ | 36 | $9 \times 3=$ | 27 | $9 \times 8=$ | 72 |
| $10 \times 2=$ | 20 | $10 \times 5=$ | 50 | $10 \times 10=$ | 100 | $10 \times 4=$ | 40 | $10 \times 3=$ | 30 | $10 \times 8=$ | 80 |
| $11 \times 2=$ | 22 | $11 \times 5=$ | 55 | $11 \times 10=$ | 110 | $11 \times 4=$ | 44 | $11 \times 3=$ | 33 | $11 \times 8=$ | 88 |
| $12 \times 2=$ | 24 | $12 \times 5=$ | 60 | $12 \times 10=$ | 120 | $12 \times 4=$ | 48 | $12 \times 3=$ | 36 | $12 \times 8=$ | 96 |

## TIMES TABLES

| $6 \times$ |  |
| :---: | :---: |
| $1 \times 6=$ | 6 |
| $2 \times 6=$ | 12 |
| $3 \times 6=$ | 18 |
| $4 \times 6=$ | 24 |
| $5 \times 6=$ | 30 |
| $6 \times 6=$ | 36 |
| $7 \times 6=$ | 42 |
| $8 \times 6=$ | 48 |
| $9 \times 6=$ | 54 |
| $10 \times 6=$ | 60 |
| $11 \times 6=$ | 66 |
| $12 \times 6=$ | 72 |


| 9 |  |
| :--- | :--- |
| $1 \times 9=$ | 9 |
| $2 \times 9=$ | 18 |
| $3 \times 9=$ | 27 |
| $4 \times 9=$ | 36 |
| $5 \times 9=$ | 45 |
| $6 \times 9=$ | 54 |
| $7 \times 9=$ | 63 |
| $8 \times 9=$ | 72 |
| $9 \times 9=$ | 81 |
| $10 \times 9=$ | 90 |
| $11 \times 9=$ | 99 |
| $12 \times 9=$ | 108 |


| $7 \times$ |  | $11 \times$ |  | $12 \times$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $1 \times 7=$ | 7 | $1 \times 11=$ | 11 | $1 \times 12=$ | 12 |
| $2 \times 7=$ | 14 | $2 \times 11=$ | 22 | $2 \times 12=$ | 24 |
| $3 \times 7=$ | 21 | $3 \times 11=$ | 33 | $3 \times 12=$ | 36 |
| $4 \times 7=$ | 28 | $4 \times 11=$ | 44 | $4 \times 12=$ | 48 |
| $5 \times 7=$ | 35 | $5 \times 11=$ | 55 | $5 \times 12=$ | 60 |
| $6 \times 7=$ | 42 | $6 \times 11=$ | 66 | $6 \times 12=$ | 72 |
| $7 \times 7=$ | 49 | $7 \times 11=$ | 77 | $7 \times 12=$ | 84 |
| $8 \times 7=$ | 56 | $8 \times 11=$ | 88 | $8 \times 12=$ | 96 |
| $9 \times 7=$ | 63 | $9 \times 11=$ | 99 | $9 \times 12=$ | 108 |
| $10 \times 7=$ | 70 | $10 \times 11=$ | 110 | $10 \times 12=$ | 120 |
| $11 \times 7=$ | 77 | $11 \times 11=$ | 121 | $11 \times 12=$ | 132 |
| $12 \times 7=$ | 84 | $12 \times 11=$ | 132 | $12 \times 12=$ | 144 |




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