

Year 6 Summer Spellings Groups 1 and 2

How it works:

These are the spellings your child will see each week on Spelling Shed. Each Friday your child will see a new list of spellings to learn at home. A dictation will take place the following Wednesday to test how well your child has learned their spellings. Your child's spelling score will be sent home in the front of their CGP homework book.

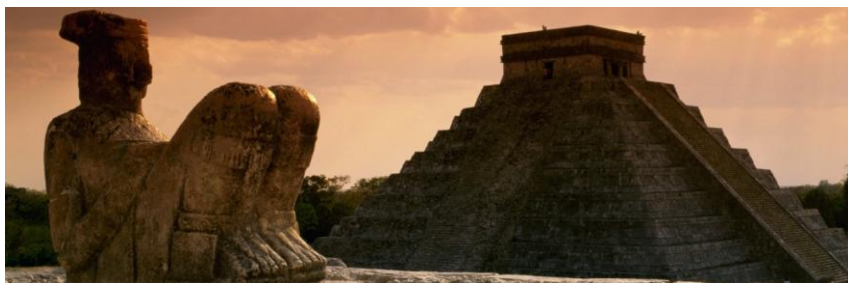
| Week 1 Words with the prefix over- | Week 2 Words with the suffix -ful | Week 3 Words that can be nouns and verbs | SATs week |
|---|--|---|------------------|
| overbalance | merciful | contest | |
| overcoat | plentiful | freeze | |
| overcook | beautiful | impact | |
| overlooked | fearful | increase | |
| overpaid | faithful | object | |
| overreact | boastful | permit | |
| overslept | thankful | produce | |
| overthrow | pitiful | silence | |
| overtired | fanciful | subject | |
| overturned | doubtful | transport | |



Optional Topic Homework

How it works:

You will get four house points for handing in one of the Topic tasks by Monday 1st June. You can present your homework in the style of your choice.



Year 6

Topic

Homework

Summer

**Our Topic is
the Mayan
civilisation**

- Research a Mayan civilisation and present your findings in any way you choose.
- Write a letter to a Mayan person of your choice, asking them any questions you would like to know the answers to.
- Create a 3D map of a Mayan city.
- Produce a diary of an explorer, describing what happened when you discovered a new land.
- Make a new chocolate bar, along with an advert for your product.



Useful Google searches:

Primary History
Mayan Ducksters
BBC KS2 Bitesize
Primary Homework Help

Great places to visit:

- Cadbury World – Mayan Exhibition.
- The British Museum

Key Instant Recall Facts (KIRF's)

Year 6 Summer 1

Key Instant Recall Facts are number facts that we want our children to be fluent with and able to recall instantly.

By the end of this half term children in year 6 should be able to

recall prime numbers to 20 and know prime numbers to 100

What this looks like:

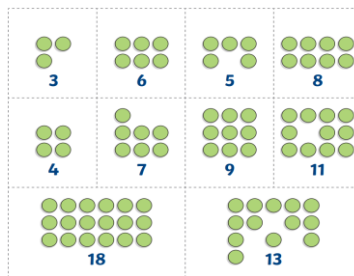
Shade all the prime numbers to 100.

| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |

List all the prime numbers between:

- a. 16 and 25 b. 92 and 100
 c. 70 and 80 d. 35 and 45

Which are the prime numbers?



How many prime numbers can you make using the digit cards below?



| | Always True | Sometimes True | Never True |
|--|-------------|----------------|------------|
| Prime numbers are odd. | | | |
| Prime numbers can have 3 or more factors. | | | |
| The sum of 2 prime numbers is always even. | | | |
| If you create an array of a prime number, it will be incomplete. | | | |

Practical ideas

Write on small pieces of paper the numbers 0-9. Make a 2 digit number. the first to say if it is prime or not wins a counter.

Write some prime numbers and composite (non-prime numbers) onto small pieces of paper. Mix them up and then sort them as quickly as possible. time yourself and try again.

Vocabulary

multiple
factor
prime number
divide
one
composite

Online games:

[What is a prime number? - BBC Bitesize](#)

[Factor Trees \(transum.org\)](#)

[Pick The Primes \(transum.org\)](#)

[Number Ninja - Prime Numbers • ABCya!](#)

The secret to success is practising **little and often**. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a **fact of the day**. If you would like more ideas, please speak to your child's teacher.

Key Instant Recall Facts (KIRF's)

Year 6 Summer 2

Key Instant Recall Facts are number facts that we want our children to be fluent with and able to recall instantly.

By the end of this half term children in year 6 should be able to

recall doubles and halves of numbers to 1000

What this looks like

a) 256, , 64, , 16, . Did you halve or double? _____

b) 320, , 80, , 20, , 5. Did you halve or double? _____

Double:

123

428

306

Half of:

654

824

422

| Number | Double | Double | Double | Double | Double |
|-----------|--------|--------|--------|--------|--------|
| 3 | 6 | 12 | 24 | 48 | 96 |
| 26 | | | | | |
| 31 | | | | | |
| 45 | | | | | |

Practical ideas

Write down some 3 digit even numbers on post its. Turn them over and halves the number. Repeat by doubling.

Roll 3 dice- make a 3 digit number. If it is odd, doubles it. If it is even, halve it.

Vocabulary

double
two lots of
half
halve
two equal groups
two times

Online games:

[Hit the Button - Quick fire maths practise for 6-11 year olds \(topmarks.co.uk\)](http://topmarks.co.uk)

doubles and halves

[Double or Halve? \(maths.org\)](http://maths.org)

[Archery Doubles - mobile friendly \(ictgames.com\)](http://ictgames.com)

[Daily 10 - Mental Maths Challenge – Topmarks](http://topmarks.co.uk) level 5, doubling/halving, up to 500 or 1000

The secret to success is practising **little and often**. Can you practise these KIRFs while walking to school or during a car journey? You do not need to practise them all at once; perhaps you could have a **fact of the day**. If you would like more ideas, please speak to your child's teacher.