Key Stage 2 SATs

Fairfields School Presentation to Parents

Key Stage 2 SATs dates

2023 KS2 SATs Dates

Date	Exam
Monday 8 May 2023	Grammar, Punctuation & Spelling - Paper 1 Grammar, Punctuation & Spelling - Paper 2
Tuesday 9 May 2023	English Reading
Wednesday 10 May 2023	Maths Paper 1 (Arithmetic) Maths Paper 2 (Reasoning)
Thursday 11 May 2023	Maths Paper 3 (Reasoning)

***Please note, Monday 8th May is now a bank holiday. Further guidance on a new date will be released by the end of the month.**

The Tests

- Statutory tests will be administered in the following subjects:
  - Spelling (approximately 15 minutes)
  - Punctuation, Vocabulary and Grammar (45 minutes)
  - Reading (60 minutes)
  - Mathematics
    - Paper 1: Arithmetic (30 minutes)
    - Paper 2: Reasoning (40 minutes)
    - Paper 3: Reasoning (40 minutes)

Scaled Scores

Test scores are reported as 'scaled scores'.

What is meant by 'scaled scores'?

- It is planned that 100 will always represent the 'national standard'. However, depending on how other schools achieve nationally.
- Each pupil's raw test score will therefore be converted into a score on the scale, either at, above or below 100.
- The scale will have a lower end point of 80 and an upper end point of 120.
- A child who achieves the 'national standard' (a score of 100 or more) will be judged to have demonstrated sufficient knowledge in the areas assessed by the tests.
- When the results are published in July, each pupil will receive:
  - A raw score (number of raw marks awarded).
  - A scaled score in each tested subject.
  - Confirmation of whether or not they attained the national standard

Scaled Score Examples

- A child awarded a scaled score of 100 is judged to have met the 'national standard' in the area judged by the test.
- A child awarded a scaled score of more than 110 is judged to have exceeded the national standard and demonstrated a higher than expected knowledge of the curriculum for their age.
- A child awarded a scaled score of less than 100 is judged to have not yet met the national standard and performed below expectation for their age.

Scaled Score Examples

- However, every year the conversion rate of the raw score increases.

2018

English grammar, punctuation and spelling	
Raw score	Scaled score
24	93
25	93
26	94
27	94
28	95
29	95
30	96
31	96
32	97
33	97
34	98
35	98
36	99
37	99
38	100
39	100
40	101

2019

Raw score	Scaled score
36	100
37	100
38	100
39	101
40	101
41	102
42	102
43	103
44	103
45	104
46	104
47	105
48	106
49	106
50	107
51	107
52	108
53	109
54	109
55	110
56	111
57	111
58	112
59	113

2022

Raw score	Scaled score
36	100
37	101
38	101
39	102
40	102
41	102
42	103
43	103
44	104
45	104
46	105
47	105
48	106
49	107
50	107
51	108
52	108
53	109
54	109
55	110
56	111
57	112
58	112
59	113
60	114

- In SPaG in 2018, children needed to score 38 marks in order to be judged to have met the national standard and in 2019 and 2022 it went down to 36.
- To exceed national standard (GD) went down from 56 to 55 marks.

What support can children have?

- Maths and SPaG – adults can read questions to children if asked (we are unable to do this in English reading).
- Teachers can encourage but not guide or say whether an answer is right or wrong.
- Some children are given 25% extra time if they have identified learning needs – this must be applied for in advance by the class teacher.
- Some children will also be allowed prompters and scribes if that is part of normal classroom procedure.
- Words on a test paper can be transcribed where a marker may not be able to read a child's answer.
- Children have already been identified if they will require extra support and this will be in place for mock week.

How is the SATs week organised?

- We can determine what time the tests begin. We wait for the children to be in school and settled. However, we do want to make a prompt start.
- Tests papers are opened with the children – we don't see them before!
- Tests are taken in their normal classrooms with displays covered
- Children who need to be tested individually or have a scribe will be tested with an additional adult in another room in the school.
- Normal subject teacher will administer their tests.

How to Help Your Child

- First and foremost, support and reassure your child that there is nothing to worry about and they should always just try their best. Praise and encourage!
- Ensure your child has the best possible attendance at school.
- Support your child with any homework tasks.
- Reading, spelling and arithmetic (e.g. times tables) are always good to practise.
- Talk to your child about what they have learnt at school and what book(s) they are reading (the character, the plot, their opinion).
- Make sure your child has a good sleep and healthy breakfast every morning!
- Attend parents' evening in the spring term – these will have a maths and English focus and teachers will talk about any access arrangements for your child e.g extra time.
- Purchase CGP revision books that you can order on Amazon Prime
- Please refrain from using previous SATs papers with your children as these will be used in Year 6 mocks.

Mock week

What does the week look like?

- Classroom displays will be covered to reflect SATs week
- Some children will be based in their classroom with their class teacher, some children will be supported by other adults in other areas.
- Additional support for individuals has been carefully thought through by the leadership team. Support can be a reader, a scribe and/or extra time.
- Children are invited in from 8:15am so they are settled by 8:30 for a quick revision session before starting their tests around 9am.
- Children will be offered a biscuit and juice to settle in the morning, own snacks are welcome too!

Let's talk revision!

Maths-Need to know

Roman Numerals

I=1
II=2
III=3
IV=4
V=5
VI=6
VII=7
VIII=8
IX=9
X=10
XI=11
XII=12
XIII=13
XIV=14
XV=15
XVI=16
XVII=17
XVIII=18
XIX=19
XX=20
XXX=30
XL=40
L=50
C=100
D=500
M=1000

Area

Rectangle Area - Base x Height
Triangle Area - ½ Base x Height
Parralelogram Area - Base x Perpendicular

Angles

360° = Full Circle
180° = Straight Angle
90° = Right Angle
180°< >360° = Reflex Angle
90°< 180° = Obstuce Angle
0°<90° = Acute angle
Triangle = 180°
Square/Quadrilatral = 360°
Hexigons = 540°

Time

60 sec = 1 min
60 min = 1 h
24 h = 1 day
7 days = 1 week
365/366 days = 1 year

Metric Measurements

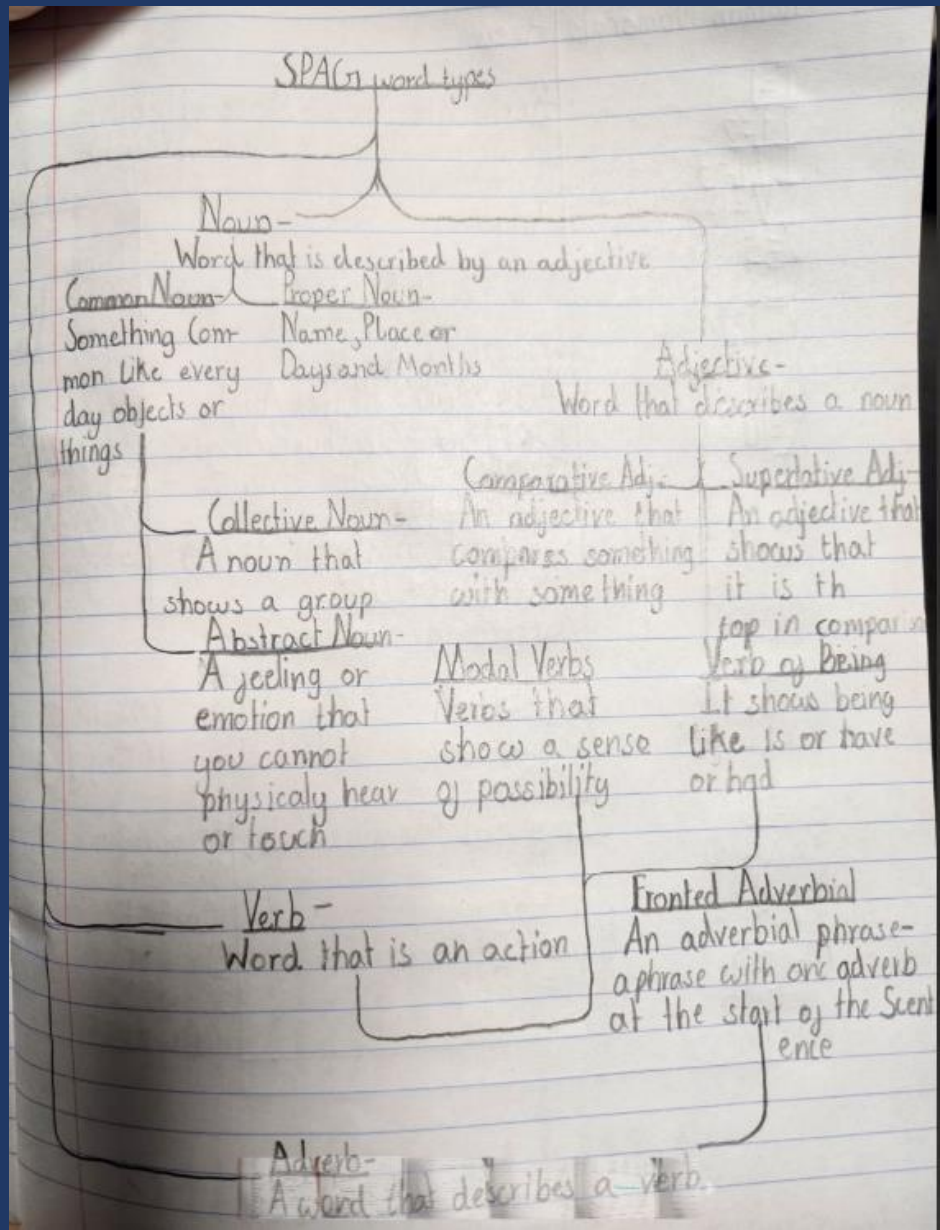
10mm = 1cm
100cm = 1m
1000m = 1km
10ml = 1cl
100cl = 1l
10g = 1cg
100cg = 1g

Imperial Measurements

1m = 39in
1m = 1.0936yd
1l = 1.76 pint
1kg = 2.2lb

Temperature

0c = 32F
10c = 50F
20c = 68F
50c = 122F
100c = 212F



Fractions + Percentages

7.11.22

Can I understand fractions and how to convert them?

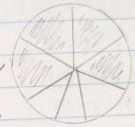
When the numerators are the same, the smaller the denominator, the greater the fraction. When the fraction has a common denominator, just multiply the top by the same number as the denominators. Here is an example.

$\frac{2}{4} = \frac{6}{12}$ (×3 = 6; ×3 = 7)

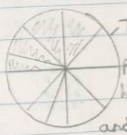
$\frac{6}{12}$

Whereas if you have the same numerator, you can identify the bigger / greater fraction easily. Here is an example

$\frac{4}{7} > \frac{4}{10}$



This pizza has more and bigger slices, therefore you get more.



This pizza has less and smaller slices, therefore you get less

Percentages %

1% = $\frac{1}{100}$ = 0.01

5% = $\frac{5}{100} = \frac{1}{20}$ = 0.05

10% = $\frac{10}{100} = \frac{1}{20}$ = 0.1

12% = $\frac{12}{100} = \frac{3}{25}$ = 0.12

20% = $\frac{20}{100} = \frac{1}{5}$ = 0.2

25% = $\frac{25}{100} = \frac{1}{4}$ = 0.25

30% = $\frac{30}{100} = \frac{3}{10}$ = 0.3

40% = $\frac{40}{100} = \frac{4}{10}$ = 0.4

50% = $\frac{50}{100} = \frac{1}{2}$ = 0.5

60% = $\frac{60}{100} = \frac{3}{5}$ = 0.6

70% = $\frac{70}{100} = \frac{7}{10}$ = 0.7

75% = $\frac{75}{100} = \frac{3}{4}$ = 0.75

80% = $\frac{80}{100} = \frac{4}{5}$ = 0.8

90% = $\frac{90}{100} = \frac{9}{10}$ = 0.9

Prefixes and Suffixes

6.11.22

Can I understand and use prefixes and suffixes?

We can think of using prefixes and suffixes as word building. We build new words by adding groups of letters to the beginning and end of words.

- A root word, or stem, is a simple word with nothing added to it, e.g. act, colour, kind.
- A prefix is a group of letters added to the beginning of a root word, e.g. react, discolour, unkind.
- A suffix is a group of letters added to the end of a root word, e.g. active, colouration, kindness.

When we add a prefix or suffix, we change the meaning of the root word.

I left my football team last year but I'm going to rejoin them soon.

If you draw a straight line through a circle which passes through the centre, then you will make two semi circles.

That cut looks nasty - you need to put some antiseptic on it or it will become infected.

Even though the dog was a rescue, it sure was lovable.

That was the sensible thing to do, Harley.

Spelling hyphenated WORDS

4.11.22

Can I spell hyphenated words correctly and understand what a hyphen means?

A hyphen can split up two words such as one-stop. It can also split prefixes with words such as co-ordination.

Co-ordination Co-ordination Co-ordination Co-ordination

Co-own Co-own Co-own Co-own Co-own Co-own

Co-operate Co-operate Co-operate Co-operate Co-operate

Co-author Co-author Co-author Co-author

re-energise re-energise re-energise re-energise

re-elect re-elect re-elect re-elect re-elect

re-enter re-enter re-enter re-enter re-enter

re-educate re-educate re-educate re-educate

re-evaluate re-evaluate re-evaluate re-evaluate

re-examine re-examine re-examine re-examine

Sierra showed great co-ordination.
Nick Coates is the co-author.
You need to re-enter the password as its not working.
Can you re-examine my head, please.
She needs to co-operate otherwise she'll get us into trouble.

3-by-2 Multiplication

Can I multiply 3 by 2 digit numbers? 5.11.22

Top tip: always start from the right and remember to always add a place holder.

$$\begin{array}{r} 248 \\ \times\ 31 \\ \hline 248 \\ +\ 7440 \\ \hline 7688 \end{array} \qquad \begin{array}{r} 402 \\ \times\ 73 \\ \hline 1206 \\ +\ 28140 \\ \hline 29346 \end{array} \qquad \begin{array}{r} 774 \\ \times\ 39 \\ \hline 6966 \\ +\ 23220 \\ \hline 30186 \end{array} \qquad \begin{array}{r} 898 \\ \times\ 27 \\ \hline 6286 \\ 17960 \\ \hline 24246 \end{array} \qquad \begin{array}{r} 469 \\ \times\ 24 \\ \hline 1876 \\ 9380 \\ \hline 11256 \end{array}$$

4-by-2 Multiplication

$$\begin{array}{r} 3721 \\ \times\ 72 \\ \hline 7442 \\ 260470 \\ \hline 267912 \end{array} \qquad \begin{array}{r} 9460 \\ \times\ 81 \\ \hline 9460 \\ 756800 \\ \hline 766260 \end{array} \qquad \begin{array}{r} 2345 \\ \times\ 12 \\ \hline 4690 \\ 23450 \\ \hline 33140 \end{array} \qquad \begin{array}{r} 8362 \\ \times\ 72 \\ \hline 16724 \\ 585340 \\ \hline 602064 \end{array}$$

Squared^2 + Cubed^3 numbers

Squared numbers (like 3^2) are the number squared double.
Cubed numbers are the same (like 7^3) just tripled.
$7^3 = 343$ $3^2 = 9$ $2^3 = 8$ $8^2 = 64$ $9^3 = 729$ $10^2 = 100$

Books to support

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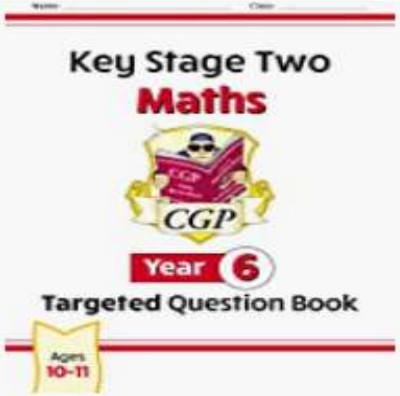

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*Science books not necessary