Year 6 SATs 2024 Presentation for Parents, Carers & Guardians

What are SATs used to measure?

- SATS (Standard Assessment Tests) are a measure of **school and pupil performance**.
- Children would usually be assessed at the end of **Key Stage 1**, however due to the pandemic this cohort of children were not formally assessed.
- School results are published in local and **national league tables**.
- All Year 6 pupils sit the same tests, on the same day under the same conditions so they are a **standardised** way of measuring pupil performance in English and Mathematics across the country.

- **Secondary schools** use SAT results to help them to organise pupils into ability sets.
- Pupils' **GCSE targets** are set based on their end of KS2 SATs scores.

What are the SATs?

- SATs are the Standardised Assessment Tests that are given to children at the end of Key Stage 2.

- The SATs take place over four days, starting on Monday 13th May ending on Thursday 16th May.

- The SATs papers consist of tests in English (reading and grammar, punctuation and spelling) and Mathematics (arithmetic and reasoning).

- Writing is assessed using evidence collected throughout Year 6. There is no Year 6 SATs writing test.

How are the SATs are completed

- The tests take place during normal school hours, under exam conditions.

- After the tests are completed, the papers are sent away to be marked externally.

- The results are then sent to the school in July.

How many tests are there?

- Each test lasts no longer than 60 minutes:

Monday	Tuesday	Wednesday	Thursday	Friday
Grammar, Punctuation and Spelling – paper 1 (45 minutes) Grammar, Punctuation and Spelling – paper 2 (around 15 minutes)	Reading Comprehension (60 minutes)	Mathematics Paper 1: Arithmetic (30 minutes) Mathematics Paper 2: Reasoning (40 minutes)	Mathematics Paper 3: Reasoning (40 minutes)	No Tests

The results

Tests are marked externally. Once marked, the tests will be given the following scores:
- A raw score (total number of marks achieved for each paper);
- A scaled score (see below);
- A judgement on if the National Standard has been met.

Scaled scores range from 80 to 120.
A scaled score of 100 or more shows the pupil is meeting the National Standard.
A scaled score of 110 or more shows the pupil is working at a greater depth within the National Standard.

The number of marks required to meet the threshold of 100 scaled score can vary year on year.

Stats and Data - % of children reaching expected standard in Reading, Writing and Mathematics at Crookhill

	2020	2021	2022	2023
National	NO SATS DUE TO COVID PANDEMIC		59%	59%
Crookhill			**70%**	**73%**

2022 Results	Reading	Writing	Spelling, Punctuation and Grammar	Mathematics
National	74%	69%	64%	71%
Crookhill	**78%**	**78%**	**82%**	**85%**

2023 Results	Reading	Writing	Spelling, Punctuation and Grammar	Mathematics
National	73%	71%	72%	73%
Crookhill	**81%**	**81%**	**81%**	**81%**

Spelling, Punctuation and Grammar:

Spelling, Punctuation and Grammar consists of two papers.

- Paper 1 focuses on all three elements (spelling, punctuation and grammar). The paper lasts for 45 minutes.

- Paper 2 consists of a spelling test only. It should take approximately 15 minutes, although this is not a set amount of time (pupils should be given as much time as they need to complete the test).

Spelling, Punctuation and Grammar: Paper 1

The children have been working on developing and securing their knowledge of the technical vocabulary needed in this test.

This test focuses on:
- Grammatical terms/ word classes;
- Functions of sentences;
- Combining words, phrases and clauses;
- Verb forms, tenses and consistency;
- Punctuation;
- Vocabulary;
- Standard English and formality.

This test requires a range of answer types but does not require longer formal answers.

Spelling, Punctuation and Grammar: Paper 1

Example questions:

1 Tick the sentence that must end with a **question mark**.

Tick **one**.

The teacher asked them what they were doing	☐
I wonder what time the next train arrives	☐
Did she play tennis on your team last year	☑
He asked if he could use my pen	☐

1 mark

8 Insert a **relative pronoun** to complete the sentence below.

e.g. that, which

Everyone loved the music _____ was played last night.

1 mark

34 Explain how the **comma** changes the meaning of the second sentence.

1. I asked if Jake Thomas and Lily were coming to the barbecue.

2. I asked if Jake, Thomas and Lily were coming to the barbecue.

e.g. The first sentence is about two people and the second sentence is about three people.

1 mark

Spelling, Punctuation and Grammar: Paper 2

Paper 2 is a shorter paper that focuses solely on spellings.

Example questions:

Spelling task

1. The dragon is an imaginary _____.

2. There was _____ food for everyone.

3. My little brother is in _____ class.

Reading:

There is one reading test that lasts for 60 minutes.
The test is designed to measure if the children's comprehension of age-appropriate reading material meets the national standard. There are three different set texts for children to read. These could be any combination of non-fiction, fiction and/ or poetry.

The test covers the following areas (known as Content Domains):
- **Give/ explain the meaning of words in context;**
- **Retrieve and record information/ identify key details from fiction and non-fiction;**
- Summarise main ideas from more than one paragraph;
- **Make inferences from the text/ explain and justify inferences with evidence from the text;**
- Predict what might happen from details stated and implied;
- Identify/ explain how information/ narrative content is related and contributes to meaning as a whole;
- Identify/ explain how meaning is enhanced through choice of words and phrases;
- Make comparisons within the text.

Reading

The reading SATs paper requires a range of answer styles.

Example questions:

Ajay was just about to tuck into his tea and toast dripping in sour rhubarb jam when there was a loud clatter from the letterbox as an important-looking brown envelope landed on the mat. 'Bit early for the post isn't it?' Mum said. 'Ooh, it says Special Delivery.' Mum opened it, and unfolded the letter.

Questions 1–13 are about *The Park* (pages 4–5)

1 What is Ajay doing when the post arrives?

_____ 1 mark

Qu.	Requirement	Mark
1	What is Ajay doing when the post arrives?	1m
	Content domain: 2b – retrieve and record information / identify key details from fiction and non-fiction	
	Award 1 mark for reference to him eating (his breakfast), e.g.	
	• *just about to tuck into his tea and toast*	
	• *having his breakfast*	
	• *drinking tea.*	

Reading

Example questions:

Based on text 2: Fact Sheet: About Bumblebees

Buzz pollination

Only bumblebees are capable of buzz pollination. This is when the bee grabs the flower and produces a high-pitched buzz. This releases pollen that would otherwise stay trapped inside. Key ingredients in our diet such as tomatoes are pollinated in this way. Many other common foods such as beans and peas would also be harder to produce and much more expensive without British bumblebees.

19 In what way is *buzz pollination* more useful than other forms of pollination?

_____

_____

1 mark

Qu.	Requirement	Mark

19	In what way is *buzz pollination* more useful than other forms of pollination?
	
	Content domain: 2b – retrieve and record information / identify key details from fiction and non-fiction
	
	Award 1 mark for reference to either of the following:
	
	1. it releases pollen that would otherwise stay inside the flower, e.g.
	  • *because it releases trapped pollen that they wouldn't have been able to get out*
	  • *it makes a buzz that gets more pollen than other bees do*
	  • *it helps release more pollen.*
	
	2. key produce is more expensive / harder to get without it, e.g.
	  • *it makes some vegetables we eat easier to produce and sell a lot cheaper*
	  • *it means we can buy more common foods cheaper*
	  • *it would be harder to grow beans.*
		1m

15

Reading

Example questions:

Based on text 3: Music Box

32 What impressions do you get of Piper's house?

Give **two** impressions, using evidence from the text to support your answer.

Impression	Evidence

3 marks

Qu.	Requirement	Mark
32	What impressions do you get of Piper's house? Give **two** impressions, using evidence from the text to support your answer. **Content domain:** 2d – make inferences from the text / explain and justify inferences with evidence from the text	Up to 3m

Acceptable points (impressions)	Likely evidence
1. it is rickety / old	• there are widening cracks in the planks in the ceiling
2. it is small / tiny	• she wishes she had a bigger work space • she has to eat at the same table that she works at
3. it is warm / cosy	• there is a fire / stove • *comfortable nest*
4. it is untidy / cluttered	• *Piston rings, bolts, and cylinders littered its surface*
5. it is old fashioned	• no electricity / kerosene lamps / cast-iron stove
6. it is isolated	• it is situated among fields • *to go outside and watch the fields*
7. it is safe	• the storm coming outside is dangerous

Award 3 marks for two acceptable points, at least **one** with evidence.

Award 2 marks for either **two** acceptable points, or **one** acceptable point with evidence.

Award 1 mark for **one** acceptable point.

Maths:

The maths assessments consist of three tests.

- Paper 1: Arithmetic (30 minutes)

- Paper 2: Reasoning (40 minutes)

- Paper 3: Reasoning (40 minutes)

Maths Paper 1 (Arithmetic)

The maths arithmetic paper has a total of 40 marks.

The test covers the four operations (addition, subtraction, multiplication, division, including order of operations requiring BIDMAS), percentages of amounts and calculating with decimals and fractions.

Example question:

Qu.	Requirement	Mark	Additional guidance
23	Award **TWO** marks for the correct answer of 22,572	Up to 2m	
	If the answer is incorrect, award **ONE** mark for a formal method of long multiplication with no more than **ONE** arithmetic error, e.g.		Working must be carried through to reach a final answer for the award of **ONE** mark.
			Do not award any marks if the error is in the place value, e.g. the omission of the zero when multiplying by tens:

$$\begin{array}{r} 836 \\ \times\ \ 27 \\ \hline 5852 \\ 16720 \\ \hline 22602\ \textit{(error)} \end{array}$$

OR

$$\begin{array}{r} 836 \\ \times\ \ 27 \\ \hline 5612\ \textit{(error)} \\ 16720 \\ \hline 22332 \end{array}$$

$$\begin{array}{r} 836 \\ \times\ \ 27 \\ \hline 5852 \\ 1672\ \textit{(place value error)} \\ \hline 7524 \end{array}$$

23

$$\begin{array}{r} 8\ 3\ 6 \\ \times\quad 2\ 7 \\ \hline \end{array}$$

Show your method

2 marks

Maths Paper 1 (Arithmetic)

Example questions:

6 $5.87 + 3.123 =$

$$5.87$$
$$+ 3.123$$
$$\overline{8.993}$$

| 8.993 |

1 mark

11 | 22 | $= 87 - 65$

$$87$$
$$- 65$$
$$\overline{22}$$

1 mark

15 $60 \div (30 - 24) =$

$60 \div (30 - 24)$
$60 \div \quad 6 \quad = 10$

| 10 |

1 mark

18 20% of $3,000 =$

10% of $3,000 = 300$
20% of $3,000 = 600$

| 600 |

1 mark

Maths Paper 1 (Arithmetic)

Example questions:

22 $1\frac{3}{7} - \frac{4}{7} =$

$$\frac{10}{7} - \frac{4}{7} = \frac{6}{7}$$

$\boxed{\dfrac{6}{7}}$

1 mark

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25 $3\,7\,\overline{)8\,8\,8}$

Show your method

2 marks

Qu.	Requirement	Mark	Additional guidance
25	Award **TWO** marks for the correct answer of 24	Up to 2m	
	If the answer is incorrect, award **ONE** mark for the formal methods of division with no more than **ONE** arithmetic error, i.e.		Working must be carried through to reach a final answer for the award of **ONE** mark.
	• long division algorithm, e.g. $\begin{array}{r} 23\ r29 \\ 37\,\overline{)888} \\ -\ 740 \\ \hline 140\ \textit{(error)} \\ -\ 111 \\ \hline 29 \end{array}$ **OR** $\begin{array}{r} 42\ \textit{(error)} \\ 37\,\overline{)888} \\ -\ 740\quad 20\times37 \\ \hline 148 \\ -\ 148\quad 4\times37 \\ \hline 0 \end{array}$		
	• short division algorithm, e.g. $37\,\overline{)88\,^{14}8}\ \ 2\ 3\ r27\ \textit{(error)}$		Short division methods **must** be supported by evidence of appropriate carrying figures to indicate the use of a division algorithm, and be a complete method. The carrying figure **must** be less than the divisor.

Maths Papers 2 and 3 (Reasoning)

These tests have a total of 35 marks each.

These papers require children to demonstrate their mathematical knowledge and skills, as well as their ability to solve problems and their mathematical reasoning. They cover a wide range of mathematical topics from key stage 2 including,
- Number and place value (including Roman numerals);
- The four operations;
- Geometry (properties of shape, position and direction);
- Statistics;
- Measurement (length, perimeter, mass, volume, time, money);
- Algebra;
- Ratio and proportion;
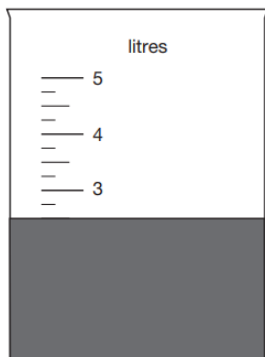- Fractions, decimals and percentages.

Maths Papers 2 (Reasoning)

Example questions:

7 Jack pours some dark paint into a container.

litres

5

4

3

In litres, how much paint is in the container?

2.5 or 2 ½ litres

1 mark

8 In this sequence, the rule to get the next number is

Multiply by 2, and then add 3

Write the missing numbers.

1 mark

| 11 | 25 | 53 | 109 |

1 mark

Maths Papers 2 (Reasoning)

Example question:
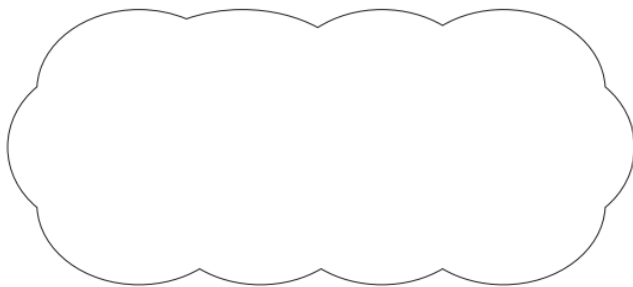
18 Circle the **prime** number.

95   89   87

Explain how you know the other numbers are **not** prime.

1 mark

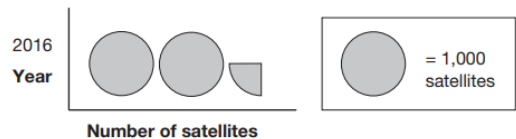| 18	Award **ONE** mark for a correct explanation of why the 95 **AND** 87 are **NOT** prime, e.g.	1m	No mark is awarded for circling '89' alone.
	• 87 is divisible by 3 and/or 29 **AND** 95 is divisible by 5 and/or 19 • 87 is in the 3 times table **AND** 95 is in the 5 times table • 95 is divisible by five because every number in the five times table ends in five or zero. 87 is divisible by three because 9 is in the three times table so is ninety. Ninety minus three is 87 • 8 + 7 = 15 and 15 is divisible by 3 **AND** 95 is divisible by 5		Both non-primes must be explained correctly for the award of the mark. **Do not** accept vague or incomplete explanations, e.g. • The other 2 numbers have more than 2 factors (vague) • 87 is divisible by 3 (incomplete). **Do not** accept explanations which include incorrect mathematics or incorrect information that is relevant to the explanation, e.g. • 3 × 27 = 87 • 89 has three factors • no numbers go into 89

Maths Papers 3 (Reasoning)

Example questions:

9 This pictogram shows the number of satellites above the Earth in 2016.

2016 Year

Number of satellites

= 1,000 satellites

How many satellites were above the Earth in 2016?

2,250

1 mark

15

The International Space Station orbits the Earth at a height of 250 miles.

What is the height of the International Space Station in **kilometres**?

Use 8 kilometres equals 5 miles.

400   km

1 mark

Maths Papers 3 (Reasoning)

Example question:

19 Layla makes jewellery to sell at a school fair.

Each bracelet has **53** beads.

She makes **68** bracelets.

Each necklace has **105** beads.

She makes **34** necklaces.

How many beads does Layla use **altogether**?

Show your method

beads

3 marks

Qu.	Requirement	Mark	Additional guidance
19	Award **THREE** marks for the correct answer of 7,174 If the answer is incorrect, award **TWO** marks for: • evidence of an appropriate complete method which contains no more than one arithmetic error, e.g. $\begin{array}{r} 53 \\ \times\ \underline{68} \\ 3504\ (error) \end{array}$ $\quad$ $\begin{array}{r} 105 \\ \times\ \underline{34} \\ 3570 \end{array}$ $3,504 + 3,570 = 7,074$ Award **ONE** mark for: • evidence of an appropriate method with more than one arithmetic error. **OR** • sight of 3,604 as evidence of long multiplication step (68 × 53) completed correctly. **OR** • sight of 3,570 as evidence of long multiplication step (105 × 34) completed correctly.	Up to 3m	Answer need not be obtained for the award of **ONE** mark. A misread of a number may affect the award of marks. No marks are awarded if there is more than one misread or if the mathematics is simplified. **TWO** marks will be awarded if an appropriate method with the misread number is followed through correctly. **ONE** mark will be awarded for evidence of an appropriate method with the misread number followed through correctly with no more than one arithmetic error.

Supporting your child in preparing for the SATs

Tips:

- **Maximising time in school is the best way to ensure that children are well prepared for their SATs: attendance and punctuality are vital**
- Encourage good sleep patterns.
- Morning / booster club
- Reading homework
- Times Table Rock Stars
- Spelling Shed
- Maths apps – Freckle / Mathletics / My Maths

Supporting your child in preparing for the SATs

Further tips:
- Speak to class teacher if you have any concerns about SATs

- Reassure children if you feel they are anxious about SATs

- Encourage children to have a positive attitude towards school and the SATs

Things to remember about SATs

SATs focus on what children know about Maths and English.
They will not reflect how talented they are at science, geography, art, PE…, they do not measure progress or attainment in other subjects.

SATs don't tell the whole story.
Their results will say if they did or did not meet a certain standard but not necessarily by what margin.

SATs are only four days out of a whole Primary School career.
In reality, there's one or two papers each day that last 30 to 60 minutes.

Finally

- An early parents evening will be held to allow you to discuss pupil progress with class teacher (week beginning 12.2.24).

- A free Breakfast club will be held during the SATs week.

- Any Questions?