Year 6 SATs 2022
What is it all about?

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 9th May ending on Thursday 12th May.
- The SATs papers consist of:
  - Spelling, punctuation and grammar
  - Spelling
  - Reading
  - Maths (paper 1: Arithmetic)
  - Maths (paper 2: Reasoning)
  - Maths (paper 3: Reasoning)

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

What are our expectations?

- The children have had a disrupted couple of years and are not where they would have been had everything been normal. This is the same all over the country. However the tests have not been changed to reflect this.
- The children have been working incredibly hard and we are so proud of how resilient they have been. The SATs won't change this.

When and how the SATs are completed

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

- The children will be in the year 5 and 6 classrooms with 2 teachers.

- Children are not allowed to talk to each other from the moment the assessments are handed out until they are collected at the end of the test.

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

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

Timing of the tests

- Each test lasts no longer than 60 minutes:

    - Monday: Spelling, punctuation and grammar (paper 1: Grammar/ Punctuation) – 45 minutes

    - Monday: Spelling, punctuation and grammar (paper 2: Spelling) – 15 minutes

    - Tuesday: Reading – 60 minutes

    - Wednesday: Maths (paper 1: Arithmetic) – 30 minutes

    - Wednesday: Maths (paper 2: Reasoning) – 40 minutes

    - Thursday: Maths (paper 3: Reasoning) – 40 minutes

- Friday: Celebration

Specific arrangements for SATs

Children with additional needs (who have similar support as part of day-to-day learning in school) may be allotted specific arrangements, including:

- An adult to scribe (write) for them;
- An adult to read for them;
- Arrangements for children who are ill or injured at the time of the 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;
- A judgement on if the National Standard has been met.

After marking each test, the external marker will convert the raw score to a scaled score. Even though the tests are made to the same standard each year, the questions must be different. This means the difficulty of the tests may vary. Scaled scores ensures an accurate comparison of performance over time.

Scaled scores range from 80 to 120.
A scaled score of 100 or more shows the pupil is meeting the National Standard.

Spelling, Punctuation and Grammar: Monday 9th May

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.

Spelling, Punctuation and Grammar: Paper 1

The children have been working hard 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: Tuesday 10th May

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 may cover the following areas:

- Give/ explain the meaning of words in context;
- Retrieve and record information;
- Summarise main ideas;
- Make inferences from the text;
- Predict what might happen from details stated and implied;

Reading

The reading SATs paper requires a range of answer styles.

Example questions:

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

1 What is Ajay doing when the post arrives?

_____ 1 mark

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.

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

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.

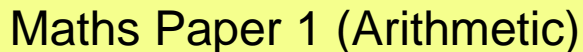**Award 1 mark** for **one** acceptable point.

15

Maths: Wednesday 11th May and Thursday 12th May

The maths assessments consist of three tests.

- Paper 1: Arithmetic (30 minutes) – Wednesday 11th May

- Paper 2: Reasoning (40 minutes) – Wednesday 11th May

- Paper 3: Reasoning (40 minutes) – Thursday 12th May

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. If the answer is incorrect, award **ONE** mark for a formal method of long multiplication with no more than **ONE** arithmetic error, e.g. • $$\begin{array}{r} 836 \\ \times\ \ 27 \\ \hline 5852 \\ 16720 \\ \hline 22602\ \textit{(error)} \end{array}$$ **OR** • $$\begin{array}{r} 836 \\ \times\ \ 27 \\ \hline 5612\ \textit{(error)} \\ 16720 \\ \hline 22332 \end{array}$$	Up to 2m	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: $$\begin{array}{r} 836 \\ \times\ \ 27 \\ \hline 5852 \\ 1672\ \textit{(place value error)} \\ \hline 7524 \end{array}$$

23

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

Show your method

2 marks

Maths Paper 1 (Arithmetic)

Example questions:

6 $5.87 + 3.123 =$

$$
\begin{array}{r}
5.87 \\
+\ 3.123 \\
\hline
8.993
\end{array}
$$

8.993

1 mark

11 $\boxed{22} = 87 - 65$

$$
\begin{array}{r}
87 \\
-\ 65 \\
\hline
22
\end{array}
$$

1 mark

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

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

10

1 mark

18 $20\% \text{ of } 3,000 =$

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

600

1 mark

Maths Paper 1 (Arithmetic)

Example questions:

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

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

$\frac{6}{7}$

1 mark

25

$37 | 8\ 8\ 8$

Show your method

2 marks

Qu.	Requirement	Mark	Additional guidance

25	Award **TWO** marks for the correct answer of 24
	
	If the answer is incorrect, award **ONE** mark for the formal methods of division with no more than **ONE** arithmetic error, i.e.
	
	• long division algorithm, e.g.
	
	        23 r29
	37
		888
		 − 740
		   140 *(error)*
		 − 111
		    29
		
		OR
		
		      42 *(error)*
		37
			888
			 − 740 20 × 37
			  148
			 − 148 4 × 37
			    0
			
			• short division algorithm, e.g.
			
			   2 3 r27 *(error)*
			37
				88^{14}8	Up to 2m	Working must be carried through to reach a final answer for the award of **ONE** mark.
						
						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.

19

Maths Papers 2 and 3 (Reasoning)

Paper 2 will take place on Wednesday 11th May and paper 3 will take place on Thursday 12th May. 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
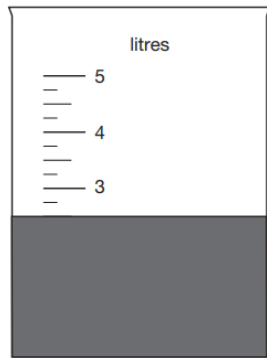
In litres, how much paint is in the container?

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

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18 Award **ONE** mark for a correct explanation of why the 95 **AND** 87 are **NOT** prime, e.g.

- 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

1m

No mark is awarded for circling '89' alone.

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.

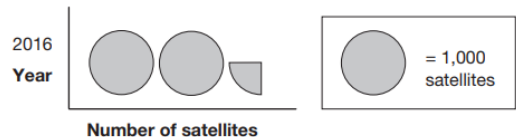- 3 × 27 = 87
- 89 has three factors
- no numbers go into 89

Maths Papers 3 (Reasoning)

Example questions:

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

2016
Year

○○◗ | ○ = 1,000 satellites

Number of 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

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. 53 105 × 68 × 34 3504 *(error)* 3570 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

Firstly, a positive attitude goes a long way. Give them as much encouragement and support as you can (but we don't need to tell you that)!
Don't panic! Leave the worry to us.

Tips:
- Talk to us if you have any concerns.
- Encourage your child to talk to us or a trusted adult (including yourself) about their anxieties. Don't forget that a small amount of anxiety is normal and not harmful.
- Give your child a quiet, distraction free space to complete homework on Dojo.
- Give your child time to go outside and reduce screen time.
- Ensure your child is eating and drinking well and getting a good amount of sleep.
- Plan something nice and fun for the weekends before and after SATs. This will help them to relax before the SATs and give them something to look forward to after.

Supporting your child in preparing for the SATs

Further tips:

- Make sure they arrive at school on time, they will then have a calm start to the morning.

- I'm sending out 2 revision booklets for the children to do over the Easter holidays. There are short activities to do each day to keep things fresh in their minds. They also have mathletics, times table rock stars and other websites to keep them busy.

- Breakfast drop-in: we will be holding breakfast drop-ins in the two weeks leading up to May 9th. This is for any child who needs a little help with anything that is worrying them.
e.g. I'm not sure about adding fractions.

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…, and they certainly won't highlight all of their amazing personal characteristics.

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. These thresholds change each year according to the overall national performance, so what was classed as 'meeting the expected standard' this year might not be the same as last year.

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.

What happens next?

The work does not stop there.

- After SATs we have the writing to concentrate on. As children are not tested on their writing, teachers have to submit a teacher assessment in July.

- We also have to make sure the children are High School ready.

- There are transition days arranged with the High Schools and information will be given to you nearer the time.

Any questions?