Key Stage 2 SATs

A School Presentation to Parents

High Ham Church of England Primary School

Welcome

- Thank you for coming!

- The aim of the meeting is that you feel fully informed about the upcoming assessments the Year 6 children will be taking in May.

- This presentation will be available on the school website after the meeting.

What will be assessed?

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

Writing will be teacher assessed and the children have been building a portfolio of evidence throughout the year.

When and where do they take place?

The tests will be administered during the week beginning 9th May 2022.

The key stage 2 tests will be taken on these set dates unless your child is absent, in which case they may be able to take them up to 5 school days afterwards.

Monday 9th May	Tuesday 10th May	Wednesday 11th May	Thursday 12th May	Friday 15th May
English: Grammar and Punctuation (Paper 1)	English: Reading	Mathematics Paper 1	Mathematics Paper 3	Finished!
English: Spelling (Paper 2)		Mathematics Paper 2		

Are there specific arrangements for children with additional needs?

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

- Additional (extra) time;
- Tests being opened early to be modified;
- An adult to scribe (write) for them;
- Using word processors independently;
- An adult to read for them (including a translator);
- The use of rest breaks;
- Arrangements for children who are ill or injured at the time of the tests.

How are they scored?

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

- A judgement on if the National Standard has been met.

When will results be available?

Results will be returned to school in July.

The children are usually told their results on the day they arrive in school.

A results sheet will be sent home with the following information on:

- 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.

How are higher attaining children assessed?

Under the current system there are no additional tests for higher attaining children.

Instead, each test will have scope for higher-attaining children to show their strengths.

This means that some questions towards the end of the tests may be more difficult, but all children are encouraged to attempt as much of the test as they can.

Grammar, Punctuation & Spelling

- A spelling test is administered containing 20 words, which lasts approximately 15 minutes.

- A separate test is given on grammar, punctuation and vocabulary. Spelling key words correctly is still a requirement within this paper.

- This test lasts for 45 minutes and requires short answer questions including some multiple choice.

- Marks for these two tests are added together to give a total for grammar, punctuation and spelling.

Sample Questions

Grammar, Punctuation and Spelling Paper 1

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

e.g. that, which

Everyone loved the music _____ was played last night.

1 mark

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

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

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.

Sample Questions

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.*	

Sample Questions

Reading Paper

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?

_____

_____

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

Sample Questions

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.

Reading

Since the current testing formation for the SATs began in 2016, there has been a tendency for three types of questions to be the most popular.

In the 2019 Reading SATs paper,
- 12% of marks could be gained from answering questions involving giving and explaining the meaning of words in context;
- 42% of marks could be gained from answering questions involving retrieving and recording information or identifying key details from a text;
- 36% of marks could be gained from answering questions involving making inferences from a text and justifying inferences with text evidence.

When reading with your child at home try focusing on these types of questions.

Mathematics 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:

23		8 3 6
	×	2 7

Show your method

2 marks

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. • $\quad$ 836 $\times \quad$ 27 $\overline{\quad 5852}$ $\quad 16720$ $\overline{\quad 22602}$ *(error)* **OR** • $\quad$ 836 $\times \quad$ 27 $\overline{\quad 5612}$ *(error)* $\quad 16720$ $\overline{\quad 22332}$	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: $\quad$ 836 $\times \quad$ 27 $\overline{\quad 5852}$ $\quad 1672$ *(place value error)* $\overline{\quad 7524}$

Mathematics 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 [22] = 87 − 65

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

1 mark

15 60 ÷ (30 − 24) =

60 ÷ (30 - 24)
60 ÷   6   = 10

10

1 mark

18 20% of 3,000 =

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

600

1 mark

Mathematics 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.
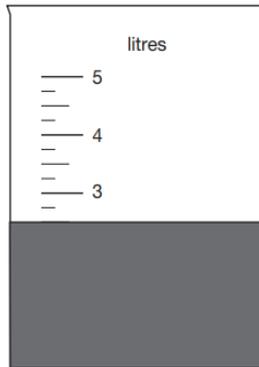
These papers require children to demonstrate their mathematical knowledge and skills, as well as their ability to solve problems and their mathematical reasoning. They cover a wide range of mathematical topics from key stage 2 including,

- 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.

Mathematics Papers 2 and 3 (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

Mathematics Papers 2 and 3 (Reasoning)

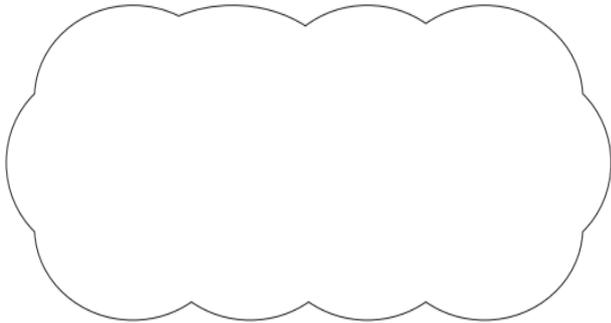Example questions:

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)
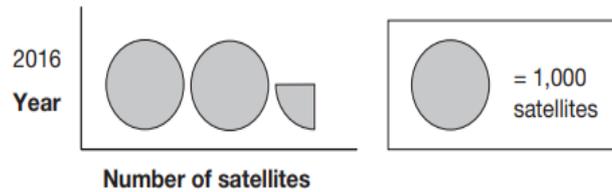- 87 is divisible by 3 (incomplete).

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

Mathematics Papers 2 and 3 (Reasoning)

Example questions:

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

Year	Number of satellites
2016	

= 1,000 satellites

Number of satellites

How many satellites were above the Earth in 2016?

2,250

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

Mathematics Papers 2 and 3 (Reasoning)

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- 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.

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! Be positive about the tests!

- Ensure your child has the best possible attendance at school.

- Support your child with any homework tasks.

- Please don't use past papers as they are used in school to prepare the children.

- Reading, spelling and arithmetic (e.g. times tables) are always good to focus on at home.

- 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!

Things to remember!

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. Your school may be able to provide you with more detailed feedback.

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.