Year 6 SATs 2023 Presentation for Parents, Carers & Guardians

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 week beginning 8th May
- The SATs papers consist of in Maths:
  - Maths (paper 1: Arithmetic)
  - Maths (paper 2: Reasoning)
  - Maths (paper 3: Reasoning)

When and how the SATs are completed

- The tests take place during normal school hours, under exam conditions.
- 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.
- Each test lasts no longer than 40 minutes:
  - Maths (paper 1: Arithmetic) – 30 minutes
  - Maths (paper 2: Reasoning) – 40 minutes
  - Maths (paper 3: Reasoning) – 40 minutes

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:

- 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 prompts or rest breaks;
- Arrangements for children who are ill or injured at the time of the tests.

Pupils with an EHCP are automatically allowed up to 25% additional time (except for the spelling paper, which is not strictly timed). Pupils who use the modified large print or braille versions of the tests are automatically allowed up to 100% additional time.

Please speak to Mr Lawlor if you have any questions about additional time and special arrangements.

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.

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.

Your child's SAT results will be used to predict GCSEs. They will be used to track if they are on target in year 7 to 11.

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)!

Tips:

- Don't use past papers as they are used in school to prepare the children.
- Attend any SATs meetings at school (or read any literature sent home).
- Talk to your child's class teacher if you have any concerns rather than worry your child.
- Encourage your child to talk to their teacher 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 or study.
- 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:

- Create a revision timetable that works for you and your child. For some families, 10 to 20 minute activities over a few days works best. For others, a longer study session one day a week might be better.
- Keep revision light. Going over key skills (times tables, real world mental maths as you are shopping or cooking) is a good way to keep revision light.
- As we said before, avoid using past papers. There are plenty of free or inexpensive SATs practice materials for parents available.
- If you're looking to support your child further with maths at home, there are lots of good websites with free Year 6 revision resources.
- Start with
- https://www.kirkburtonmiddleschool.co.uk/subjects/ks2-sats-revision

Revision Guides

As a school we are able to purchase revision guides at a reduced price compared to he high street.

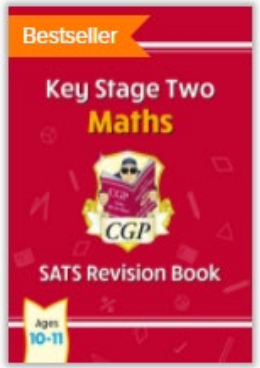
CGP revision guides for KS2 are split into expected level and stretch (enhanced)

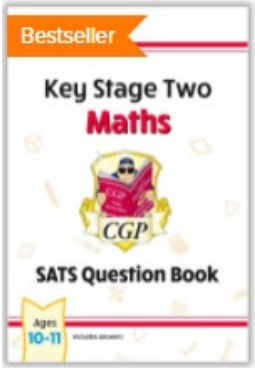
Your child's teacher will tell them which guide is best for them.

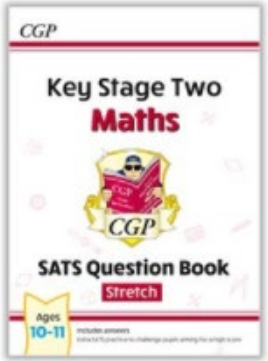
Please complete the letter slip and return to school so that these can be purchased and then given to the pupils.

Please use parent pay to pay for the books.

Revision Guides – examples of these with Mr Roberts after this presentation







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. 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.

What to do if you are worried about your child

SATs often induce a certain degree of worry or anxiety but there is, of course, a tipping point.

SATs anxiety should not:

- Affect a child's appetite
- Affect a child's sleep
- Affect a child's personality
- Induce panic, tears or disengagement from lessons
- Be a reason not to attend school.

If any of the above are evident, SATs may be causing an excessive degree of anxiety and may benefit from some additional support. This isn't about removing the reality of SATs but rather equipping your 10 or 11 year old with the ability to better cope with the situation.

What to do if you are worried about your child

Talk to the school

Sometimes concerns present at home and not at school. If you notice a change in your child, talk to the school so that everyone concerned can offer the support needed.

Talk to your child

Talk to your child about what aspect of SATs concerns them the most. If you can help them pinpoint what is bothering them the most, you can take specific steps to help reassure them.

Encourage your child to talk to their teacher

SATs are obviously linked to school. Don’t be surprised if your child would prefer seek reassurance from teachers over family members.

Try not to project your own anxieties or views about the SATs

Children can be very intuitive. If they see that you are anxious, this could add to their own anxieties. Similarly, if you don’t believe in SATs, your child may reflect this view.

Advice for Year 6 children

- Listen to your teacher.
- The adults you work with all want you to do your best.
- Get plenty of sleep and eat well, this will help your brain.
- Read all the questions carefully. This can help you to avoid silly mistakes.
- Don’t panic. There may be questions you think you can’t answer. Take a deep breath. Read it again. You can always move on and go back to it later. It’s often better to write something rather than nothing.
- Remember that the Year 6 SATs last for 4 days out of your whole life!

“Stay focused in class so you don’t have loads of extra studying to do at home!” – Year 7 pupil’s advice.

School contacts

Please contact school if there is anything you would like to discuss with regards to SATS

Organisation and admin queries – www.dmartin@themast.co.uk

Maths content – echarlesworth@themast.co.uk

English content – jobrien@themast.co.uk

Pastoral and welfare – iparker@themast.co.uk

SEND support – gsenior@themast.co.uk

Maths: Wednesday 11th May and Thursday 12th May

The maths assessments consist of three tests.

- Paper 1: Arithmetic (30 minutes)
- Paper 2: Reasoning (40 minutes)
- Paper 3: Reasoning (40 minutes)

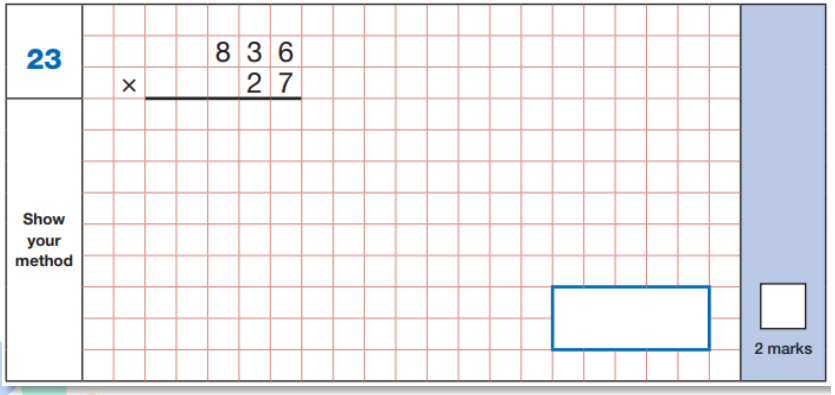
Examples of all these paper available to look at and discuss with us after this presentation.

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.

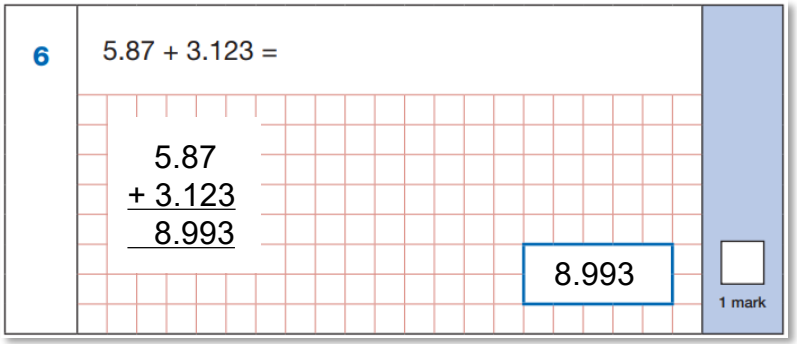
Example question:

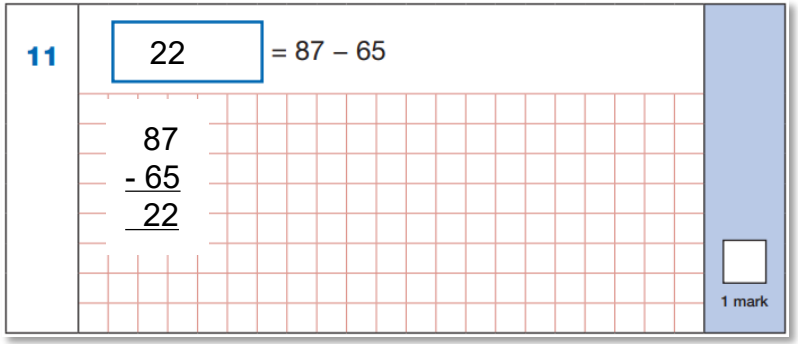


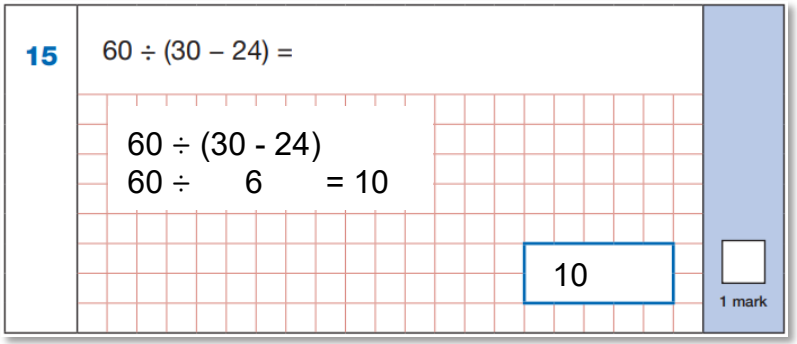
Qu.	Requirement	Mark	Additional guidance
23	Award **TWO** marks for the correct answer of 22,572 If the answer is incorrect, award **ONE** mark for a formal method of long multiplication with no more than **ONE** arithmetic error, e.g. • 836 × 27 = 5852 + 16720 = 22602 *(error)* **OR** • 836 × 27 = 5612 *(error)* + 16720 = 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: 836 × 27 = 5852 + 1672 *(place value error)* = 7524

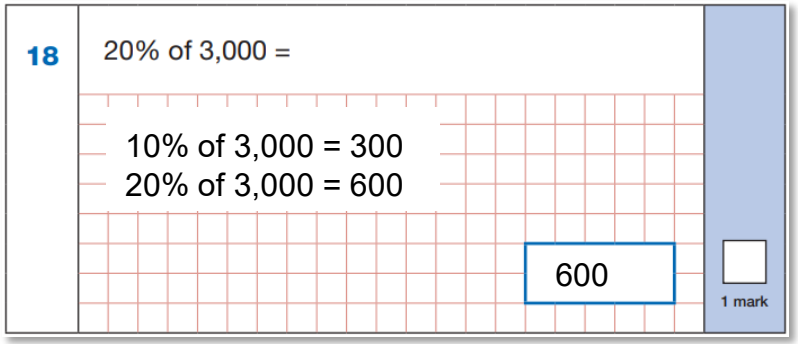
Maths Paper 1 (Arithmetic)

Example questions:









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

Show your method

2 marks

Qu.	Requirement	Mark	Additional guidance
25	Award **TWO** marks for the correct answer of 24 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.

Maths Papers 2 and 3 (Reasoning)

Paper 2 and paper 3 These tests have a total of 35 marks each.

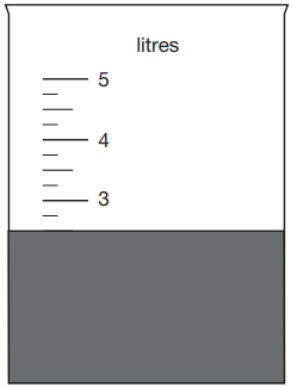
These papers require children to demonstrate their mathematical knowledge and skills, as well as their ability to solve problems and their mathematical reasoning. They cover a wide range of mathematical topics from key stage 2 including,

- 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.



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.

11	25	53	109

1 mark

1 mark

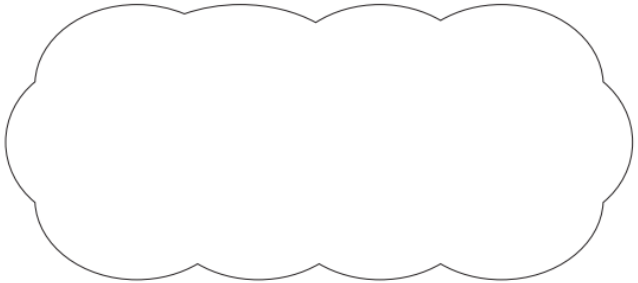
Maths Papers 2 (Reasoning)

Example question:

18 Circle the **prime** number.

95 89 87

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



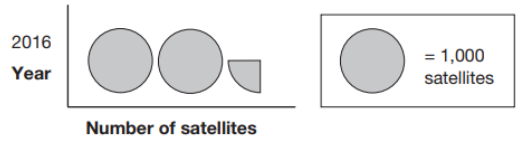
1 mark

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



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

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 × 68 = 3504 *(error)* 105 × 34 = 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.