

# **Bridgewater Primary School**

## **Year 6**

### **SATS Information Evening**



**Thursday 28<sup>th</sup> January 2016**

*The Year 6 team...*

**Miss Hall**

**Mrs Mawer**

**Mrs Reece**

**Mrs Hurrell**

**Mr Bhagwandin**

**Mrs Archer**

**Ms Jones**

**Mrs Bartaby**

# What are SATs? Why do we have them?



- **Standardised Assessment Tests**
  - Maths
  - Reading
  - Spelling, punctuation & grammar.
- **Give an idea of a child's attainment at the end of KS2 to:**
  - Teachers
  - Bridgewater Primary School
  - Secondary Schools
  - Government
  - You *and* your child
- **Children cannot fail them.**

# What do the results of the tests mean?



- The Government set national targets so that they can continue to evaluate and assess Primary Education.
- Schools, including Bridgewater, also set targets and the results will show whether they have achieved them or not.
- Most importantly, they are a tool to help us know where your child is 'at' and then we can decide on their 'next steps'.

# Assessment without levels



- New National Curriculum introduced September 2014.
- Government abolished levels as a way of reporting attainment.
- Focus not on racing through the levels, but on having a deep understanding of key concepts.
- Expectations have got higher.



- **Teaching for mastery:** a set of pedagogic practices that keep the class working together on the same topic, whilst at the same time addressing the need for all pupils to master the curriculum and for some to gain greater depth of proficiency and understanding. Challenge is provided by going deeper rather than accelerating into new content.

# New curriculum; new standards; new tests



- No level 6 tests
- All pupils will take one set of tests.
- There will be a few questions to stretch the most able.
- No mental maths test, instead an arithmetic tests.



- Video:
- <https://www.youtube.com/watch?v=nF1n1g4CePI>

# New curriculum; new standards; new tests



- Reading Test – greater emphasis on fictional texts.
- Grammar & Punctuation – greater emphasis on knowing and applying grammatical terminology with full range of punctuation tested.
- Technical terms in grammar tested
- Spelling – spelling patterns and methodologies form the basis of spelling test.



# New curriculum; new standards; new tests



- Maths – no mental maths test but instead an arithmetic test. 36 questions, 40 marks available, 30minutes durations. Knowing tables and number bonds will put pupils at an advantage.
- Questions will cover: straightforward addition & subtraction; more complex calculations with fractions; long multiplication & division.

# Maths SAT – how can you help?



- Mental test questions.
- Practising Times tables.
- Using money.
- Using timetables and calendars.
- Working out time problems e.g. TV programmes
- Measure-weight of objects e.g. An apple.
- Reading scales.
- Looking at graphs and charts.
- Using revision guides.
- BBC Revisewise / Mathszone
- Mathletics

Name \_\_\_\_\_

## Year 6 Revision Check List Can I...

Calculators and Numbers	Shapes and Space
<ul style="list-style-type: none"> <li>• Multiply 4-digits by 2-digits e.g. <math>23 \times 14 = ?</math></li> <li>• Multiply 2-digits by 2-digits e.g. <math>34 \times 47 = ?</math></li> <li>• Multiply decimals? <math>0.5 \times 4 = ?</math> and <math>0.4 \times 0.2 = ?</math> and <math>0.02 \times 6 = ?</math></li> <li>• Multiply and divide decimals mentally by 10, 100, 1000 and explain the effect</li> <li>• Divide and find the remainder e.g. <math>45 \div 4 = ?</math></li> <li>• Use short division to solve questions like <math>754 \div 4 = ?</math></li> <li>• Use the chunking method to solve questions like <math>4754 \div 13 = ?</math></li> <li>• Add numbers like <math>454 + 673</math> and <math>45 \times 76 \div 23 = ?</math></li> <li>• Add decimals like <math>2.4 \times 0.6</math> and <math>61.45 \times 79 = ?</math></li> <li>• Use the number line method to solve questions like <math>5007 - 2341 = ?</math></li> <li>• Use column subtraction to solve questions like <math>4541 - 1342 = ?</math></li> <li>• Work out 10%, 25%, 50%, 75%, 75% and 50% of a number e.g. <math>25\% \text{ of } £4.00</math></li> <li>• Know how you could find 17% of a number using a calculator and mentally</li> <li>• Subtract decimals e.g. <math>0.45 + 2.3 = ?</math> or <math>6.76 - 2.05 = ?</math></li> <li>• Find fractions of amounts e.g. <math>2/3</math> of 12 is 8 or <math>1/10</math> of 20.</li> <li>• Find fractions of amounts using a calculator e.g. <math>3/4</math> of 15 or <math>3/8</math> of 440mm.</li> <li>• Order decimal numbers and use the greater than less than signs (<math>&gt;</math>, <math>&lt;</math>)?</li> <li>• Know and explain factors and multiples of numbers 1</li> <li>• Solve problems involving rates?</li> <li>• Find equivalent (same sized) fractions e.g. <math>1/2 = 2/4 = 5/10 = 1/3?</math></li> <li>• Cancel fractions (simplify them) down e.g. <math>3/6 = 1/2</math> or <math>1/3?</math></li> <li>• Order fractions by changing the denominator so they are all common.</li> <li>• Order a set of fractions with up to three decimal places e.g. <math>0.876</math>, <math>0.876</math>, <math>0.807</math>, <math>0.8</math></li> <li>• Work out problems involving time.</li> <li>• Use a calculator correctly.</li> <li>• Recognise integer numbers?</li> <li>• Recognise integer numbers?</li> <li>• Carry on a sequence of numbers?</li> <li>• Read and order negative numbers?</li> <li>• Use the four or (oppo) operations to solve questions e.g. <math>2 \times 4 + 12 \div 2 - 4 = ?</math> or <math>4 \times 6.7 = 12 \div (2 - 8) + 18.3?</math></li> <li>• Round numbers to the nearest hundred, tenth, unit, ten, hundred thousand?</li> <li>• Place numbers including fractions, per cent and decimals on a number line?</li> <li>• Work out related rates involving fractions e.g. <math>1/3 \times 2/3 = ?</math> or <math>1/4 \times (2 \times 4) = ?</math></li> <li>• Solve questions involving simple algebra?</li> </ul>	<ul style="list-style-type: none"> <li>• Recognise how many edges, faces and vertices a 3D shape has?</li> <li>• Name all 3D and 2D shapes?</li> <li>• Know all of the properties of 2D shapes?</li> <li>• Know what a prism is?</li> <li>• Name angles within 1 degree of accuracy using a protractor?</li> <li>• Know when an angle is acute, obtuse, reflex or a right angle?</li> <li>• Work out a missing angle on a straight line?</li> <li>• Know when the angles in a triangle and quadrilateral add up to?</li> <li>• Know when the interior angles in an equilateral triangle are each.</li> <li>• Know how many degrees are in a <math>1/4</math>, <math>1/2</math> and <math>3/4</math> turn.</li> <li>• Recognise angles as a pair for example:</li> </ul> <ul style="list-style-type: none"> <li>• Know which way to calculate and which way to check out.</li> <li>• Find the perimeter of 2 shapes?</li> <li>• Find the area of simple shapes?</li> <li>• Find the area and perimeter of compound shapes?</li> <li>• Read and plot coordinates on an 8 square grid?</li> <li>• Recognise perpendicular and parallel lines?</li> <li>• Recognise a surface, a vertical, right angled and equilateral triangle and know all of their properties e.g. how many angles are the same size and? How many sides are the same length?</li> <li>• Translate a shape?</li> <li>• Rotate a shape?</li> <li>• Reflect a shape?</li> <li>• Find lines of symmetry?</li> <li>• Know the rule for lines of symmetry and regular polygons.</li> <li>• Find the length, breadth and height of a cuboid and use a calculator to find its surface area?</li> </ul> <div style="text-align: center;"> </div> <ul style="list-style-type: none"> <li>• Identify the different nets for a closed cube (six square faces)?</li> <li>• Recognise parallel lines?</li> <li>• Recognise perpendicular lines?</li> </ul>
<h3 style="text-align: center;">Data Handling</h3> <ul style="list-style-type: none"> <li>• Work out the mode, median, mean and range from a set of data?</li> <li>• Read and interpret bar line graphs?</li> <li>• Read and interpret line graphs?</li> <li>• Place the brackets in a Venn diagram?</li> <li>• Create a tally chart from some information?</li> <li>• Read, interpret and understand a tally chart?</li> <li>• Read a scatter graph?</li> <li>• Read a number line?</li> <li>• Understand and know how to plot simple graphs?</li> </ul>	<h3 style="text-align: center;">Length, mass and capacity</h3> <ul style="list-style-type: none"> <li>• Read metrics and imperial units from measuring tools?</li> <li>• Convert units of measurement, mass and capacity e.g. <math>15 \text{ cm} = 150 \text{ mm}</math> and <math>2500 \text{ ml} = 2.5 \text{ litres} = 2500 \text{ g}</math></li> <li>• Measure lines to the nearest mm.</li> <li>• Solve word problems involving length, mass and capacity?</li> </ul>

# Date of SATs



Monday 9 May to Thursday 12 May 2016.

Date	Test
Monday 9 May	English Reading
Tuesday 10 May	English Grammar, Punctuation and Spelling
Wednesday 11 May	Maths Arithmetic Paper 1
-	Mathematics Paper 2 Reasoning & Solving Problems
Thursday 12 May	Mathematics Paper 3 Reasoning & Solving Problems

# Assessment of Writing



- As in previous years we will be collating work throughout Year 6 and combine it all together to inform our judgement.
- Different to previous years – working towards/ expected/ working within expected at a deeper level.
- Moderation



## Interim teacher assessment framework at the end of key stage 2 - writing

### Working towards the expected standard

The pupil can write for a range of purposes and audiences:

- using paragraphs to organise ideas
- describing settings and characters
- using some cohesive devices\* within and across sentences and paragraphs
- using different verb forms mostly accurately
- using co-ordinating and subordinating conjunctions
- using capital letters, full stops, question marks, exclamation marks, commas for lists and apostrophes for contraction mostly correctly
- spelling most words correctly\* (years 3 and 4)
- spelling some words correctly\* (years 5 and 6)
- producing legible joined handwriting.

## Working at the expected standard

The pupil can write for a range of purposes and audiences (including writing a short story):

- creating atmosphere, and integrating dialogue to convey character and advance the action
- selecting vocabulary and grammatical structures that reflect the level of formality required mostly correctly
- using a range of cohesive devices\*, including adverbials, within and across sentences and paragraphs
- using passive and modal verbs mostly appropriately
- using a wide range of clause structures, sometimes varying their position within the sentence
- using adverbs, preposition phrases and expanded noun phrases effectively to add detail, qualification and precision
- using inverted commas, commas for clarity, and punctuation for parenthesis mostly correctly, and making some correct use of semi-colons, dashes, colons and hyphens
- spelling most words correctly\* (years 5 and 6)
- maintaining legibility, fluency and speed in handwriting through choosing whether or not to join specific letters.



## **Working at greater depth within the expected standard**

The pupil can write for a range of purposes and audiences:

- managing shifts between levels of formality through selecting vocabulary precisely and by manipulating grammatical structures
- selecting verb forms for meaning and effect
- using the full range of punctuation taught at key stage 2, including colons and semi-colons to mark the boundary between independent clauses, mostly correctly.

[No additional requirements for spelling or handwriting.]

# Science SAT



- There are no externally marked Science SATs, however we will during the course of the week following SATs do 2 tests with the children to add to our on-going assessment of them.
- Science Sampling Tests – if we are chosen to do the tests they take place in June.



# SATs at Bridgewater



- Nothing to worry about!
- They will not take over Year 6; however, we will provide your child with the best possible opportunity to reach their potential so there will be a little bit of test preparation.

# What will we do to help your child?



- Breakfast club! School will start at 8.15am for the week of the SATs!
- Relaxed Kids program
- Homework and Revision
- Practice SATs week so the children know exactly what it will be like.
- Tailored, personalised and targeted lessons / groups
- Some children will be given a reader or maybe even extra time for the SATs – this depends on their individual needs and whether it will benefit them in the tests.
- Work with your child/ren to create their home revision programme
- Lessons on *how* to revise!

# What you can do to help your child.



- Reassure them that as long as they do their best that is all that matters!
  - Emphasise that SATs are simply a way of them showing what they know – they cannot fail!
- Make sure they have a quiet, organised place to revise and study. It would be great if they could have a revision folder too.
- Ensure that they always have a good breakfast and have a snack in school.
- Plenty of sleep! Think about activities that week and the weekend before!
- Encourage them to ask a teacher or tell an adult if they are unsure of anything!
- They need to be in school and ready to work at 8:45am!

# Resources



- Lots will be given out in school – ask your child about it and look through their revision folders
- Websites (be careful!)

# Any Questions?

