



Maths at Conyers



An introduction to Maths at Conyers

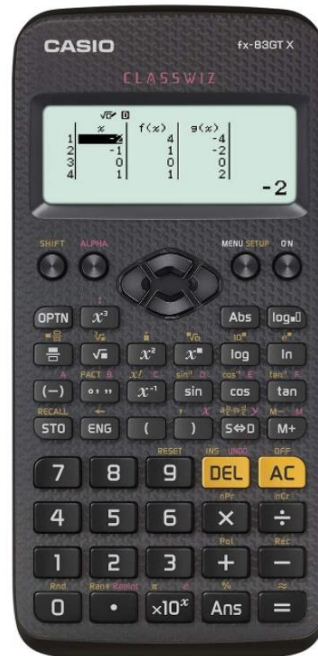
- What equipment do students need for Maths?
- Which resources are available if students need help?
- How are sets decided in Maths?
- What homework is issued in Maths?
- Who should parents/guardians contact with further questions?

What equipment do students need for Maths?

- In addition to the standard school equipment (Ipad, pen, pencil, ruler, eraser) students must also bring a pair of compasses, a 180° protractor and a scientific calculator to every Maths lesson.

Which calculator should I buy?

We recommend the Casio FX83GT X calculator which costs £10-£12 from most major supermarkets and is also available from the school library (via parentpay)





Which resources are available if students need help?

- Students will be asked to write notes and examples in their exercise books and students should always look back at their previous work to see if this helps them if they are struggling.
- Teachers may upload examples and additional support materials into Showbie
- MathswatchVLE is an excellent resource which contains video tutorials and self marking exercises for all aspects of Maths at KS3 and KS4. Each student has a login to this system. Teachers can assign work in here and monitor progress. This can help identify students who need additional support.



Which resources are available if students need help?

- MyMaths is an online resource which contains online lessons for topics across KS3, KS4 and KS5. Again, students will be given their own personal login to this system and they can access help for each topic easily using the search function. Teachers may assign work in MyMaths which can be monitored and used to identify those students who require additional help.
- There are numerous other websites that provide excellent revision and practice resources for students. Many of these are self-marking or have mark schemes provided. These include Transum, CorbettMaths, Mathsgenie and BBC Bitesize.
- Teachers are always available in block 6 during social time to help students if required.



How are sets decided in Maths?

- Students are assessed in the first couple of weeks at Conyers and these results are used to assign students into sets.
- Further assessments take place throughout the school year, and the majority of movement between sets occurs following these assessments. Other movement can occur using teacher assessment between these assessments.



What homework is issued in Maths?

- Homework is issued weekly by the class teacher.
- A 'Weekly Skills' sheet containing 20 questions is issued alongside a problem solving task for the student to complete.
- The 'Weekly Skills' sheet is supported by 'Weekly Skills' classroom tasks in which the homework skills can be practiced and developed.
- The problem solving task should encourage the student to tackle a task which requires a little more independent thinking.



Week 1

A 'weekly skills' classroom task

1 What is total of $200 + 5 + 0.5 + 0.06$?

2 **Work out** 75×28

3 **Simplify** $3a + a + a + b + 2b$

4 If $x = 4$ work out the value of $4x - 2$

5 **Round** 6450 correct to 1 significant figure

6 **Solve** $x + 6 = 14$

7 Find the missing terms 5, 8, ?, 14, ?

8 **Expand** $3(4x + 2)$

9 4 km = ? m

10 What is the fifth square number?

A 'weekly skills' homework task



Name :

71.1

<p>Question 1 Work out $90000 + 8000 + 8 + 0.5 + 0.02$</p>	<p>Question 2 Work out $90000 + 2000 + 4 + 0.06 + 0.009$</p>	<p>Question 3 Work out $55 \times 15 =$</p>	<p>Question 4 Work out $77 \times 34 =$</p>
<p>Question 5 Simplify $9a + 2b - 8a - 3b$</p>	<p>Question 6 Simplify $9a + 5b + 7a + 8b$</p>	<p>Question 7 Work out the value of $2b + 6$ when $b = 9$</p>	<p>Question 8 Work out the value of $c - 5$ when $c = 15$</p>
<p>Question 9 Round 213 to 1 significant figure</p>	<p>Question 10 Round 2270 to 1 significant figure</p>	<p>Question 11 Solve $x \div 9 = 11$</p>	<p>Question 12 Solve $x - 4 = 3$</p>
<p>Question 13 Find the missing terms in the sequence 24, 33, ?, ?, 60,....</p>	<p>Question 14 Find the missing terms in the sequence 27, ?, 23, ?, 19,....</p>	<p>Question 15 Expand $3(1 + 11x)$</p>	<p>Question 16 Expand $5(3 - 11x)$</p>
<p>Question 17 Complete $140 \text{ mm} = \dots \text{ cm}$</p>	<p>Question 18 Complete $39.2 \text{ m} = \dots \text{ cm}$</p>	<p>Question 19 What is the 3rd cube number?</p>	<p>Question 20 What is the 9th square number?</p>

SKILLS CHECK

Score



Who should parents/guardians contact with further questions?

- Please email either kanderson@conyers.org.uk , mtaylor@conyers.org.uk or your child's Maths teacher if you have any further queries or require any clarifications.