

Welcome to the Maths Department



Hello, I'm Mrs Rowe.

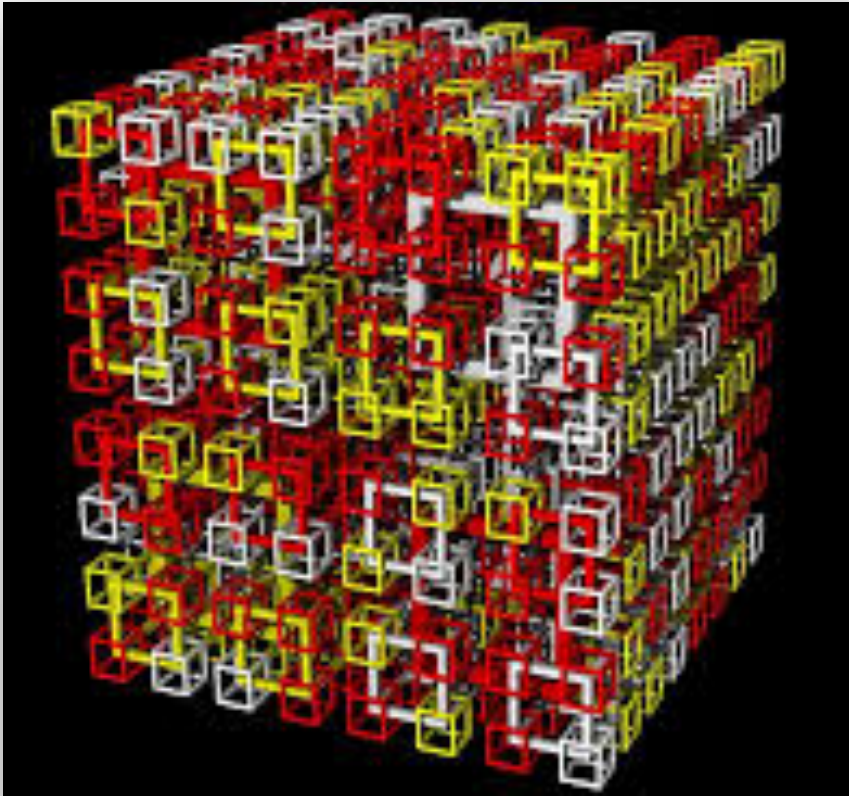
[Click here to watch Mrs Rowe talk about Maths in Year 7.](#)

Why study Maths



Not only will studying Maths help give you the knowledge to tackle scientific, mechanical, coding and abstract problems, it will also help you develop logic to tackle everyday issues like planning projects, managing budgets and even debating effectively.

What's the best thing about Maths?

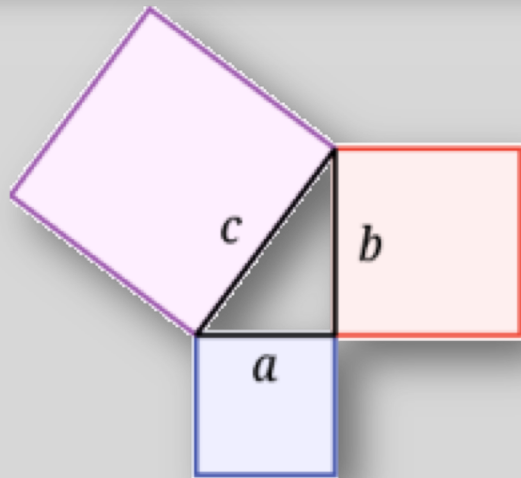


I think the best thing about Maths is how so many different mathematical ideas actually link together. We tend to learn certain skills in Maths as individual topics to begin with, then as we explore Maths further we start to realise how all the different strands are connected and woven together.

My favourite famous person associated with my subject is...



There are so many famous mathematicians! My favourite has to be Pythagoras of Samos who was actually a Greek philosopher rather than a mathematician but he did make many mathematical discoveries, including Pythagoras' theorem and the five platonic solids (regular solids).



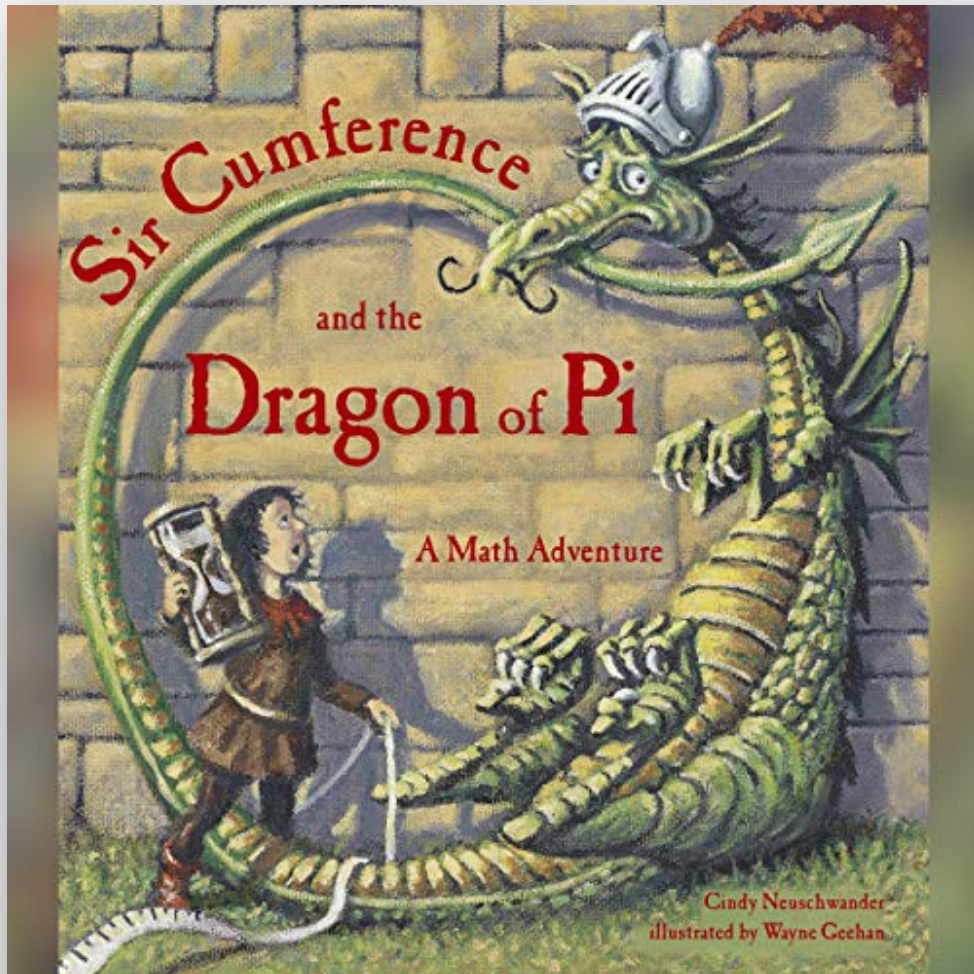
Pythagoras' theorem says that in a right angled triangle the area of the two squares on the 'legs' (short sides) equals the area of the square on the hypotenuse (long side); and has the equation $a^2 + b^2 = c^2$. It sounds complicated but is actually very simple once you know the maths behind it – which is why I love it so much!

A fun fact about Maths is...



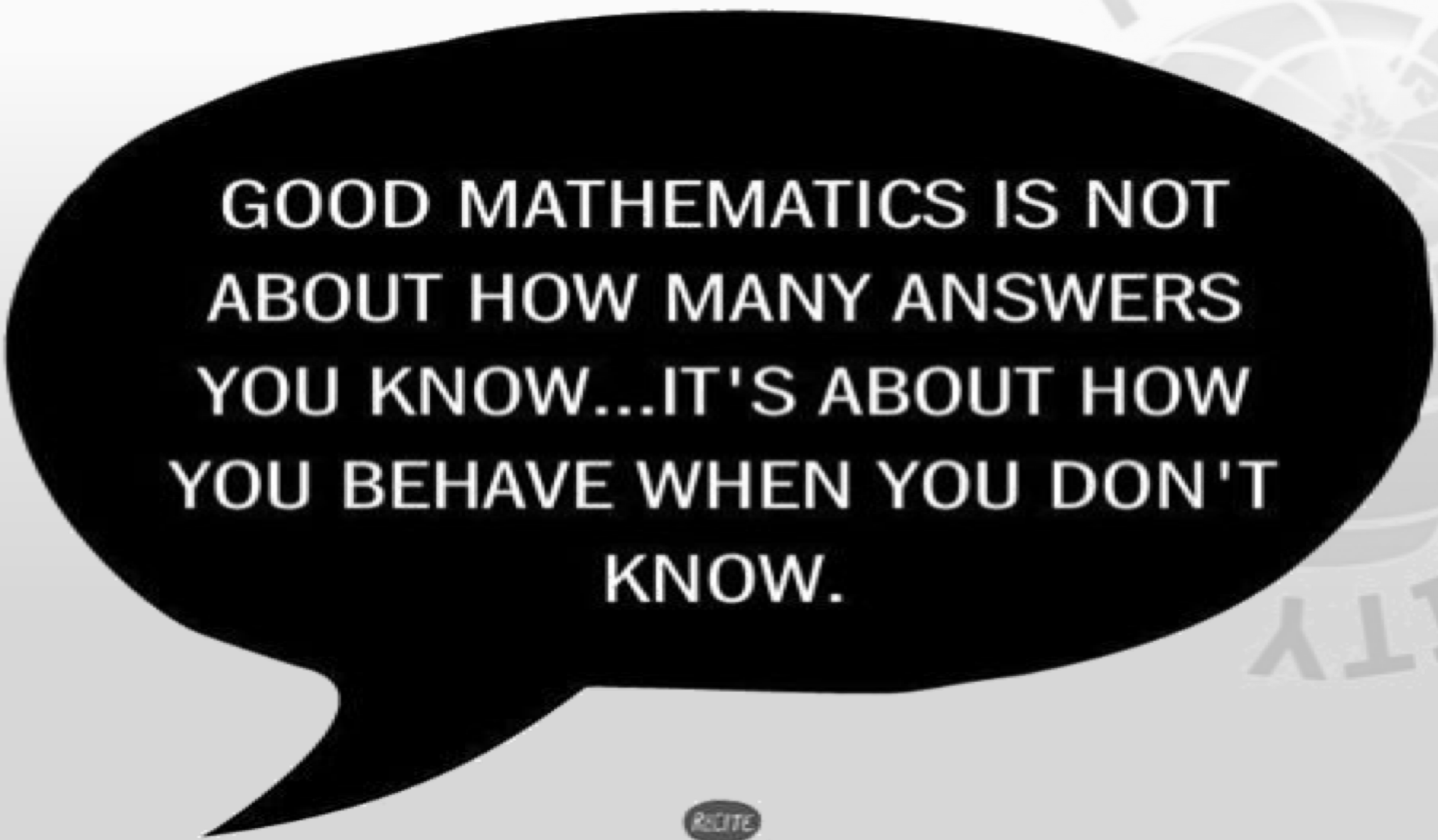
Take three different digits and make six different two digit numbers with them. Then add the single digits together. Now add the two digit numbers together. Using those two numbers divide the big number by the small number. Do it again with three different digits. And again. And again. You always get...

A Maths joke...



Which of King Arthur's knights
built the Round Table?

Sir Cumference



GOOD MATHEMATICS IS NOT
ABOUT HOW MANY ANSWERS
YOU KNOW...IT'S ABOUT HOW
YOU BEHAVE WHEN YOU DON'T
KNOW.



A message from the Maths Department...

We are all really looking forward to welcoming you to Maths at Pilton in September. We know that you are probably feeling both excited and apprehensive about starting secondary school so thought you would like to know a little more about what your Maths lessons be will like once you are here.

When you start in September, you will be placed in a class with other students from other tutor groups. We do this so we can teach you Maths at a level that will challenge you. Don't worry though, there are normally several students from each tutor group in a Maths class, so you will not be alone. One of the wonderful things about maths is that you will continue to use and develop all of the skills you have learnt at primary school. There are lots of different types of maths; some involve writing calculations whilst others involve measuring and drawing.

You will also need a calculator for lots of tasks, so we recommend you bring this list of equipment with you to all of your maths lessons: pens (black or dark blue), pencil, ruler, protractor, compass and a scientific calculator. If you are not sure where to purchase this equipment or what is the best scientific calculator to buy, you can always ask your Maths teacher during your first lesson.

As well as teaching you Maths in school, your teacher will also set you some Maths work to complete at home. You will receive a homework task from your teacher once every two weeks. This could be something to investigate, a worksheet to complete or an online task. We have two main websites that we use for Maths work; they are mymaths.co.uk and vle.mathswatch.co.uk. Your teacher will let you know you log-on details in September.

All of us in the Maths Department hope you have a lovely summer and look forward to seeing you all in September.