



The Prescot School – Supporting Numeracy

The importance of Numeracy cannot be overstated. The ability to use numbers, to problem solve real life situations is fundamental in the success of a person. both in an academic and a professional environment.

At The Prescot School, the expectation is that students need to be doing a minimum of twenty minutes daily, practising using numeracy. The more a student does this the more confident they will become.

Numeracy at The Prescot School

Within the Prescot School, Numeracy is embedded within all subject's curriculums. The Mathematics Department is obviously a key part of numeracy; however, it appears frequently in lots of other areas, Science and Geography being good examples.

The promotion of literacy and numeracy is the responsibility of all members of staff. Staff endeavour to seek out opportunities to use numeracy skills within lessons. By using a common language to describe these concepts pupils can make links and transfer these skills cross-curricular.

Numeracy Ninjas



Within form time, Numeracy is supported through the use of Numeracy Ninjas.

Numeracy Ninjas is a whole-school numeracy intervention run once a week during form time. In each lesson students complete a 5-minute skills test which includes: 10 questions on mental numeracy calculation strategies, 10 times tables questions and 10 questions on key topics that must be mastered.

The tests are marked in class by students who record their Ninja Score out of 30. This corresponds to a particular colour Ninja Belt. Only a Ninja Score of 30 will earn students the coveted Black Ninja Belt!

This little-and-often approach, in combination with a research-informed rota, which systematically plans the revisiting of skills, ensures students' improved numeracy skills and fluency are retained over time.

The Prescott School Twitter Numeracy Challenge



The Prescott School Twitter Numeracy Challenge



Numeracy is embedded into all subjects curriculums. Each week we will put on a problem to help you practice your key numeracy skills. Put your answers in the comments below. Solutions will be given the following week.



What is the largest number you can make using the three digits 2, 3 and 4 in anyway you like, using any operations you like.

You can only use each digit once.

For example: $34 \times 2 = 68$ or $3 + 4^2 = 19$ Problem taken from iStock



A numeracy competition is also run using Twitter. A weekly challenge is posted to try and get students to use their numeracy skills in a non-familiar question setting. Being able to apply skills known to a problem is the key skill numeracy looks to install within a student.

We challenge you to have a go at one of them. Prizes will be offered to people who complete certain amounts of these problems.



The Prescot School MathsWatch

The Maths department encourages the use of MathsWatch to support homework as well as home learning. MathsWatch is a complete online Maths platform that makes learning available to students 24/7 from anywhere in the world. The platform is fully responsive and can be used on mobiles, tablets and desktops.

The website address is

www.vle.mathwatch.co.uk

Contact The Prescot School Maths Department for your child's login details so that you can support the home learning of numeracy. There are several reasons the MathsWatch resource aids numeracy.

- It revises every single topic just like a teacher would, at the board.
- The three producers of the resource are all highly experienced teachers.
- Every clip has real exam questions for students to do - because we all know that to be good at Maths, a student has to do it, not just watch it.
- Our online bank of questions contains 1000s of exam-style questions that are automatically marked, allowing more time for teacher analysis and students' independent work.

