



Independent Learning Guidance for Parents

Department: Mathematics

Year Group: KS3 and 4

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Why is Mathematics independent learning important?

Independent learning helps consolidate classwork ensuring understanding is clear when support is not necessarily at hand from a teacher. It helps improve the basic's, building foundations and prepares pupils for progressing on to the next stage in the process. Pupils very often get stuck, overcoming this by themselves is vital in problem solving.

How will independent learning be set?

Independent learning will be set either through completing worksheets or using a homework and practice book. Pupils may also be asked to choose an area of weakness to focus on using the MyMaths website which not only explains topics but also tests and feeds back instantly. Investigational work is also regularly set to develop problem solving and researching techniques.

What expectations do staff have of the work being completed?

Work should be clearly labelled and set out logically, all workings **MUST** be shown in a methodical way with answers clearly set out. Pupils should attempt all questions and hand in work on time, if they have a problem they should seek advice.

What help and support is available?

Maths teachers are available ANYTIME. There are also lunchtime drop in sessions or pupils could use the following to help them.

MyMaths / Fronter / Email / Youtube / Bitesize

What work can be completed in addition to the set tasks?

Mymaths has booster sessions and pupils are also able to log in using their individual username and password and complete homeworks and tasks.

Pupils have homework and practice books issued to them, these follow the textbooks used in class. Reading around the subject, such authors as Ian Stewart, Marcus De Sautoy, Alex Bellos to name but a few

BBC learning Zone classicclips (secondary mathematics)

Nrich website

Edexcel website