

## **Maths Extension Homework.**

### **Year 11:**

Daily: <http://uk.ixl.com/math/>

Use the above link, find the section titled “Year 11 skills”, and click on “See all year 11 skills >>”.

Choose the topic you would like to work on, and complete 10 free questions.

You only get 10 free questions per day, if you would like more, then you have to subscribe.

If you are struggling with that topic, have a look at a lesson on MyMaths, ask your maths teacher for help, or see if you can find the topic in the Year 10 skills section and try those questions.

Half Termly: Practice Exam Questions - <http://www.mathsmadeeasy.co.uk/>

Use the above link, in the black bar at the top of the page click on “10-11”, then just underneath that click “Maths”. In the Revision section are plenty of resources. The “Revising: ... grades” pages are full of past paper booklets sorted by topic. You will find these most useful to practice the skills you have learnt in class as exam style questions; however there are no answers, so you will need to bring in any work that you have done for your teacher to look at and mark. Feel free to explore the rest of the website too.

Termly: Intermediate Maths Challenge Paper

Ask Miss Barlow in room E3 for a copy of a past UK Maths Trust (UKMT) Intermediate Maths Challenge paper, and have a go at solving the problems. Return your solutions to Miss Barlow to get them marked and see how you have done.

UKMT is a company that runs individual and team challenges in maths. The UKMT Individual Maths Challenges are lively, intriguing multiple choice question papers, which are designed to stimulate interest in maths in large numbers of pupils. The three levels cover the secondary school range 11-18 and together they attract over 600,000 entries from over 4,000 schools and colleges. You can find more information here: <https://www.ukmt.org.uk/>