

Abbeyfield School

AIM Programme



KS3 Able, Inspired & Motivated Programme

Subject: Maths

Year: 8

The AIM Challenge

- Complete the Challenge tasks over the course of this academic year, submit to your subject teacher and you will achieve the AIM programme award in this subject.

Term	Challenge Task Title	Task Description
Term 1	Maths memory task.	Write a poem, rhyme, short story or song which helps you remember a rule, formula or method in Maths.
Term 2	Curve Stitching	Research curve stitching and create your own design, this can either be drawn or stitched.
Term 3	Junior Maths Challenge	Complete questions 1 – 15 from the 2019 JMC paper.
Term 4	Junior Maths Challenge	Complete questions 16 – 25 from the 2019 JMC paper.
Term 5	Estimation	Work out an estimate for the number of steps the average human takes in a lifetime. Stating all of your assumptions you have used and showing all of your working. If you have questions see your Maths teacher.
Term 6	The statistics of texting versus fiction.	By analysing some of your text messages (or similar) and a passage from a novel, compare the frequency of each letter. Is the frequency of letters for the two types of writing, if so how? Display your results clearly using statistical charts – (you can use IT).



**Dream big,
AIM high**

