

Abbeyfield School

AIM Programme



KS3 Able, Inspired & Motivated Programme

Subject: Maths

Year: 7

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	Create a crossword.	Create a crossword of mathematical words, making sure your descriptions are accurate. Try to find and include a mathematical term that is new to you, making sure you understand what it means.
Term 2	Tessellation tile.	Design one shape which could be used to make a tessellating pattern, see board in Maths corridor. Be as creative as possible. Link below could help. https://nrich.maths.org/4975
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 Task	Work out an estimate for how much the average human drinks in a year. Stating all of your assumptions you have used and showing all of your working. If you have questions see your Maths teacher.
Term 6	Code Breaking	Follow the instructions on the powerpoint.



Dream big, AIM high

