

Abbeyfield School

AIM Programme



KS3 Able, Inspired & Motivated Programme
Subject: Design and Technology
Year 9

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.

Challenge Task Title	Task Description
Textiles	Printing - printing can be achieved in so many ways at home. Create a print using unusual tools and equipment - perhaps even food! The printing tool could be used to apply a repeat pattern to a fabric panel or garment.
Resistant materials	To design and make a ceramic mug – competition You could attend some of the after school sessions where you will be taught how to throw, fire and glaze your own mug. We will decorate these using ceramic pens, or you may design and do this with your own kit at home.
Food	To redesign a local takeaway menu, to include the vital nutritional analysis. Food a Fact of Life website will help you.
CAD/CAM	3D printing – To use the 3D Solidworks student edition (home licenses available for free, please ask your teacher), to design a simple 3d object suitable for printing. Come along to DT club and get your small scale design printed in ABS plastic.



Dream big, AIM high

