

Abbeyfield School

AIM Programme



KS3 Able, Inspired & Motivated Programme

Subject: Science

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	Science in the news.	Research a recent Science-related item that has been in the news. Produce your own report, this could be a videoed mini-documentary, newspaper style article, powerpoint etc.
Term 2	Investigate craters	Define the key terms: crater, meteorite, meteor, planet, moon, impact crater, diameter. Design your own investigation into crater formation. (There are examples on the internet.) You can record your work as a short video or scientific report.
Term 3	Explaining natural phenomena. (e.g. northern lights, shape of bee hives, supernova, tornados)	Research a natural phenomena. Explain the science behind the phenomena. You can do this in any way you like.
Term 4	Presenting data.	Scientists use tables, graphs and diagrams to present data to a wider audience. Collect data and present your findings in an appropriate form. (e.g. carry out a survey in your tutor group to investigate activities that other students take part in outside of school)
Term 5	Make your own indicator.	Research methods to make a pH indicator using food. Produce your indicator and use it to test household chemicals. Record the method you used and results of the tests.
Term 6	Unusual plants and animals.	Produce a fact file for an unusual plant and a fact file for an unusual animal. The aim is to describe adaptations and how these adaptations aid survival.



**Dream big,
AIM high**

