

## Enrichment previously offered

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Networking Seismometer via Raspberry Pi			Current 24->25
Robotics			Current 24->25
Building a lightning detector.	1yr	~5	Electronics Physics/Geophysics
Networked Aurora Monitor.	1yr	~5	Physics/Geophysics Computing Electronics
<i>Fun in LaTeX<sup>1</sup>.</i>	2yr	~ 8 yr <sup>-1</sup>	Physics Maths
Programming 4 Scientists. <i>{I.m.o. very successful}</i>	4yr	~15 yr <sup>-1</sup>	Physics Maths Computing
Electronics Outreach @ secondary School.	1 yr	~8	Electronics
Physics Electronics Outreach at local secondary <i>with students coming to the college after school</i>	1 yr	~8	Electronics Physics
Building a 3d printer. <i>{4 went on to read Engineering}</i>	1 yr	~5	Engineering Electronics
Seismometer. installing & calibrating a commercial seismometer uploading data 24/7 to IRIS international repository.	3 yr	~2 yr <sup>-1</sup>	Geology Geophysics
Seismometer. Designing & building a vertical axis seismometer from scratch.	1 yr	~5	Geophysics Electronics Computing
Introduction to programming FPGA advanced digital circuits.	1 yr	1	Electronics
HiSPARC International Cosmic Ray Detector Rig - a rather expensive particle detector rig was installed working with Durham University.	3yr	~4 yr <sup>-1</sup>	Physics
Physics Olympiad and A.E.A.	5 yr	~ 15 yr <sup>-1</sup>	Physics

<sup>1</sup> Google it.