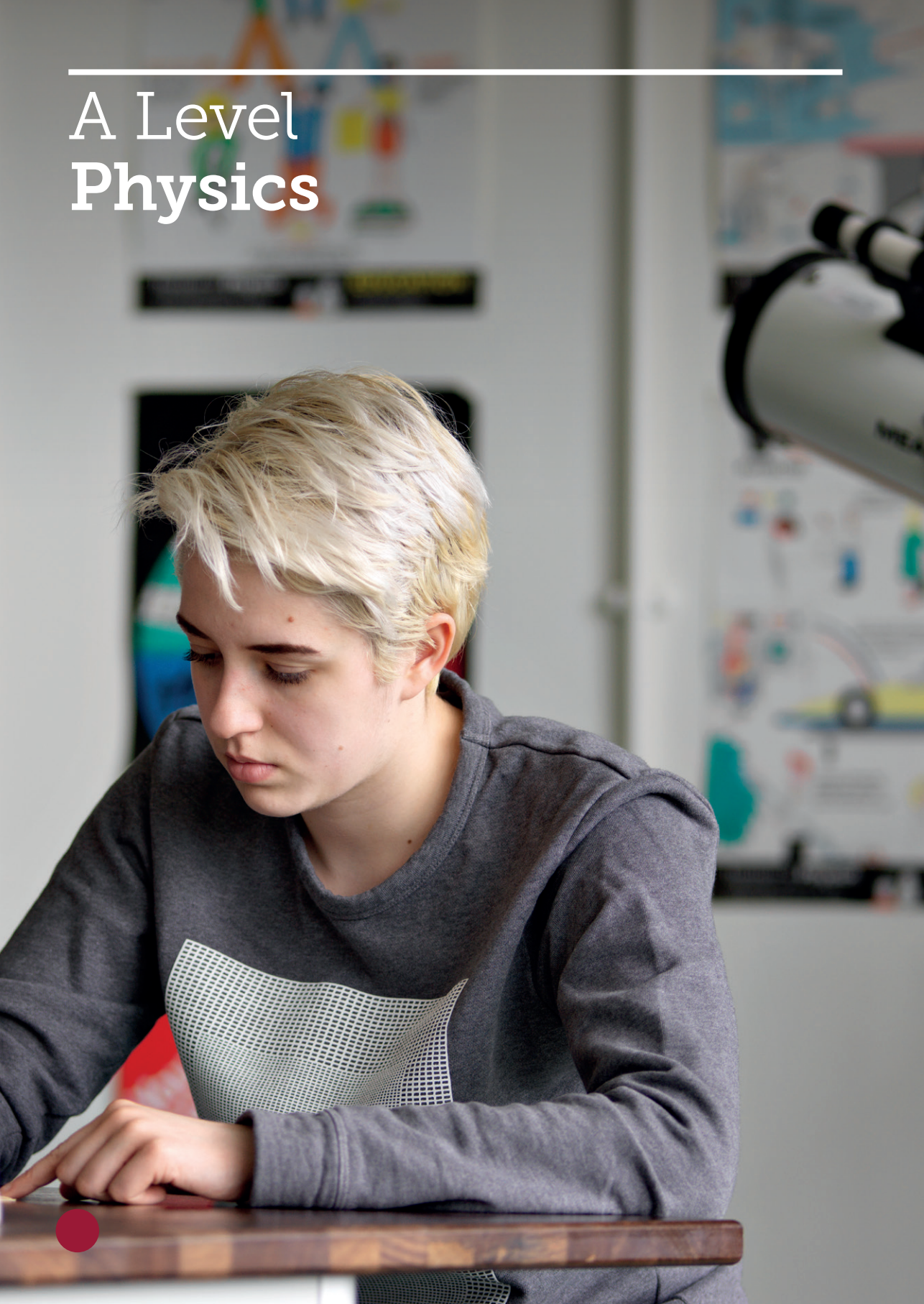
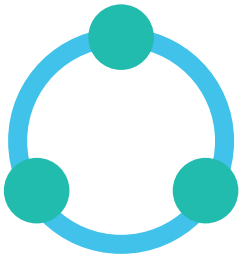
A Level **Physics**





Physics is crucial to understanding the world around us, the world inside us, and the world beyond us. It is the most basic and fundamental science. Physics challenges our imaginations with concepts like quantum and relativity, and it leads to great discoveries, like computers and lasers, that change our lives.

Introduction

A physics education equips a person to work in many different and interesting places - from any discipline of Engineering and many courses in fields such as Medicine, to a career in Government, and even Banking - places where problem-solving abilities and analytical skills are great assets.

We strongly advise that you take A level Mathematics alongside your studies in Physics. This is essential if you wish to study Physics or Engineering at university.

Level Level 3

Specific course entry requirements

College entry to include Double Award GCSE Science Higher Tier 6,6 (or above) or GCSE Physics 6 (or above) plus a minimum of either GCSE Biology 6 or GCSE Chemistry 6. You must also have achieved GCSE Mathematics grade 6 or above (please refer to the Entry Requirements section page 24 for further details).

*This must be in both Core and Additional Science. Those students who have taken Core and Applied Science or BTEC Level 2 Science are not qualified for this course and should consider the BTEC Level 3 Applied Science course as an alternative.

What will I study?

The Physics course allows students to develop an understanding of the world around us from the smallest components of atoms to the vastness of space. Physics is a demanding fundamental science which requires students to have the imagination to cope with what we cannot see.

How will I be assessed?

100% Examination. Practical skills are embedded within the course and are assessed as part of the practical endorsement of the A level as well as in the written examinations.

Where will this course lead me?

Physics is an essential subject for all engineering and technological related careers and courses. It allows progression to exciting fields of work such as Astronomy, Electronics, and Ophthalmology. The skills developed in this course are highly regarded as suitable foundation for many different careers.