



Preparation for Applied Science

Introduction

Course Outline

Weekly Lessons

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This course is perfect for students who are curious about how science works in the real world. You'll build practical skills and scientific knowledge that not only support your A Levels or other Level 3 qualifications, but also prepare you for university and beyond.

Through hands-on lab investigations and research projects, you'll explore the fundamentals of science and apply your learning to real-life scenarios. Along the way, you'll grow in confidence, develop independence, and strengthen key transferable skills like communication, research, and problem-solving.

Whether you're aiming for a science-related degree or just want to gain valuable skills for the future, Applied Science will motivate, challenge, and prepare you for what comes next.



Course Outline

Course code	Course title
F180	Fundamentals of Science
F181	Science in society
F182	Investigating Science
F183	Analytical techniques in Chemistry
F186	Medical Physics



Weekly Lessons

To give you a taste of what's to come, you'll be set some exciting weekly challenges in the run-up to the course. These will include watching videos, researching real-world science topics and answering thought-provoking questions.

Each week brings something new, and at the end of the 4 weeks, you'll take part in an exit quiz to check how much you've learned along the way.

These activities are a great way to get stuck into the world of Applied Science – and while they're designed to give you a flavour of the course, completing them will give you a real head start. Don't forget to bring your work with you on the first day of term – we can't wait to see what you've discovered!

Let's get started!

