

Level 2 Extended Certificate in Applied Science

Location	Stretford Campus
Course Type	College 16-18
Department	Science & Pharmacy
Start Date	Tuesday 1st September 2026
Course Code	TFP-SC2S-1100

Course Overview

This Level 2 vocational qualification (equivalent to three GCSEs) provides a broad introduction to applied science, covering biology, chemistry and physics in practical contexts. It is designed for learners who prefer a hands-on, coursework-based approach and want to develop scientific knowledge alongside practical skills for further study or employment.

Course Requirements

4 GCSE's at grade 3 and above, including English and maths.

What You Will Learn

You will develop a broad understanding of scientific principles across biology, chemistry and physics, alongside practical laboratory skills. You will learn how to plan investigations, collect and analyse data, and apply science to real-world contexts such as health, the environment and energy. You will also build transferable skills including teamwork, communication, problem-solving and independent learning.

Assessment

Assessment is through a combination of internally assessed coursework and external examinations. Approximately two-thirds of the course is coursework including practical investigations, reports and assignments, with two external exams in Principles of Science and Scientific Skills.

Progression

Students can progress to Level 3 qualifications such as BTEC National Applied Science, T Levels, or science-related apprenticeships.

Career Options

Laboratory technician, science technician, healthcare support roles, environmental science roles, or progression into careers such as forensic science, biomedical science or engineering.

Mandatory Units

Principles of Science (external), Chemistry and Our Earth, Energy and Our Universe, Biology and Our Environment, Applications of Chemical Substances, Applications of Physical Science, Health Applications of Life Science, Scientific Skills (external).

Contact Details

For further information please contact T: 0161 886 7070 or E: info@trafford.ac.uk

Disclaimer

Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.