

A STEAM CURRICULUM FOR THE FUTURE

In a rapidly changing world, global careers and opportunities within STEAM continue to evolve. In fact, for our next generation, many of the careers they will be a part of have yet to be developed! In Plymouth alone, 60% of our work opportunities are in the STEAM industry, at UTC Plymouth, our curriculum needs to be about much more than just academic qualifications; vocational qualifications are equally vital in order to prepare our young people for the world of work and an exciting future.

CORE CURRICULUM

Our core subjects are at the heart of our curriculum and make up the vast majority of a student's timetable. We expect students to achieve above national expectations as these skills are vital for an aspiring STEAM career.

Students will study:

GCSE English Language / GCSE English Literature / GCSE Mathematics / Combined Science (Biology/Physics/Chemistry x2 GCSEs) / GCSE Computer Science or BTEC ICT

PRACTICAL CURRICULUM

In our state of the art, industry standard workshops, we deliver a highly specialised curriculum. Students need to be able to demonstrate the highest standards regarding health and safety and professional behaviour.

Our Practical Curriculum includes:

Mechanical Engineering / Manufacturing Engineering / GCSE Art

Employable Skillset: Milling, Turning, 2D&3D CAD, CNC, Electronics, Vehicle Maintenance, Fabrication

Please note: Students will have to pass a H&S baseline assessment in order to be able to access the workshops

EMPLOYABILITY & ENRICHMENT

We pride ourselves on developing the 'whole person' therefore our 'character curriculum' is essential and includes:

Daily Briefings, PSHE and RSE, Philosophy and Ethics, Personal Safety, Careers, Financial Education, Healthy Living and Oracy Lessons, Combined Cadet (as we are affiliated to the Royal Navy), First aid, British Values and Sports Leadership.

NEXT STEPS...

**UTC Plymouth Sixth Form, Further Education, Apprenticeships,
Employment or Training**



#ENGINEERYOURCAREER