

BTEC Level 2 Engineering



BTEC Level 2 Engineering at Southborough Sixth

Welcome to BTEC Tech Awards

The BTEC Tech Award suite is an introduction to vocational learning. The qualifications give learners the opportunity to build skills that show an aptitude for further learning, both in the sector and more widely. The approach to the suite is based on well-established BTEC assessment approaches that are proven to be successful in building skills and motivating learners to engage fully with challenging study. There is no limit to progression options as the skills acquired are applicable to a range of post-16 study options.

Why is BTEC so successful?

BTECs embody a fundamentally learner-centred approach to the curriculum, with a flexible, unit-based structure and knowledge applied in project-based assessments. They focus on the holistic development of the practical, interpersonal and thinking skills required to be able to succeed in employment and higher education.

About the engineering sector

The UK is regarded as a world leader in engineering, which covers a wide range of exciting and rapidly developing areas such as renewable energy, space, low carbon, aerospace, automotive, agri-food and bioscience. People with engineering skills are always in demand. Between 2010 and 2020, engineering companies are projected to have 2.74 million job openings.



www.southborough.kingston.sch.uk

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Outline of course

Pearson BTEC Level 1/Level 2 Award in Engineering				
Component number	Component title	GLH	Level	How assessed
1	Exploring Engineering Sectors and Design Applications	36	1/2	Internal
2	Investigating an Engineering Project	36	1/2	Internal
3	Responding to an Engineering Brief	48	1/2	External Synoptic

The three components focus on the assessment of knowledge, skills and practices. These are all essential to developing a basis for progression and, therefore, learners need to achieve all components in order to achieve the qualification. The components are interrelated and they are best seen as part of an integrated whole rather than as totally distinct study areas. Learners will normally take this qualification over a two-year period but at Southborough, Sixth Form they can take the qualification over just a one year period.

How does the course work?

The course is made up of **three components**: two that are internally assessed and one that's externally assessed.

Our three-block structure, **explore, develop and apply**, has been developed to allow students to build on and embed their knowledge. This allows them to grow in confidence and then put into practice what they have learned.

Our assessment structure is also designed so that students can build on what they learn, and develop their skills, as they move through the course.

