Educational pathways into engineering and technology



Young people interested in an engineering career prefer a technical or vocational route (36%) compared to a university route (28%)



More interested in a university route

38% | 44%

Asian students



Teachers

More interested in a technical or vocational route

40% | 40%

Boys

white students

Teachers are equally likely to recommend an apprenticeship or university route (36%) and less likely to recommend another technical/vocational route (4%)

53% feel confident advising their students of vocational and technical pathways into engineering

85% of STEM teachers recommend a career in engineering

83% of teachers say they know what subjects their students would need to take to have a career in engineering

www.eukeducation.org.uk/references

Top 3 reasons young people are interested in a technical or vocational route



To start earning money straight away

Prefer to learn by doing things

Engineering is practical and well suited to onthe-job learning

Top 3 reasons young people are interested in a university route

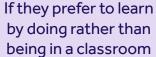


To keep career options more open

A degree would lead to better paid jobs in the long run

To have the experience of going to university

Top 3 reasons STEM teachers would recommend a technical or vocational route into engineering



Engineering is practical and well suited to on-the-job learning

To avoid high student fees and/ or debt.

Top 3 reasons STEM teachers would recommend a



university route into engineering



To keep career options

They might need a degree to progress in their career

Better for their personal development

We need all young people to understand the variety of educational routes available to them to have a career in engineering and technology. As parents and teachers are the main sources of careers information for young people, it is important to also understand their level of knowledge.

89%.0 of STEM teachers in England are aware

of T Levels

say their school or college offers T Levels

Parent knowledge of different education/ training routes:

	Know a lot	Know a little
University	42%	40%
Apprenticeships	20%	60%
Other vocationa	l 15%	54%
BTECs	12%	47%
T Levels	5%	23%

