Key subject uptake

Double Double science* - 989,264 16.1% science 16.1% Maths - 893,198 14.5% Chemistry - 174,088 2.8% 2.8% Physics - 173,227 **Entries into key** 1.5% Computing - 91,619 GCSE subjects and proportion of all entries: Design & technology - 86,307 1.4% Engineering - 2,476 0.04%

*Double science counts for 2 entries per student

Maths - 34,775	10.4%
Chemistry – 15,210	4.6%
Physics – 13,680	4.1%
Practical woodworking – 9,040	2.7%
Computing science – 6,585	2%
Design and manufacture – 3,990	1.2%

Entries into subjects and proportion of all entries:

> **Entries into** key Scottish Higher subjects and proportion of all entries:

Entries into key A level subjects and proportion of all entries:

Maths - 112,138

- first year

38,615

engineering and

students, around

6% of all subjects

technology

	Maths			
1	2.	7	%	
	+	_]	

×÷

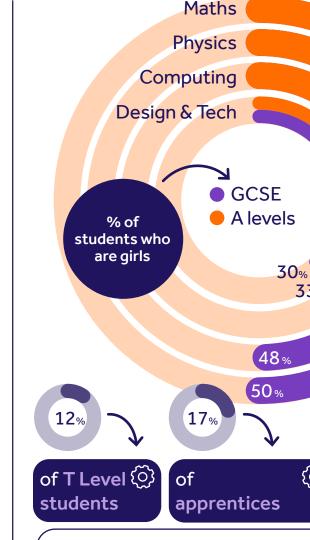
12.7%

Chem istry – 63,538	7.2%
Physics - 44,957	5.1%
Computing – 19,796	2.2%
Design & technology – 10,576	1.5%
Maths - 19,705	9.7%
Chemistry – 10,120	5.0%
Physics - 8,560	4.2%
Computing science – 3,960	2%
Design and manufacture – 1,940	1%

undergraduates:

There are many different routes into engineering and technology roles, but there are some key STEM subjects that set young people up well for following this career path. Girls are underrepresented in all key subjects and pathways into engineering and tech.





in engineering and technology are women

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

48%

of parents say they understand the subject requirements to follow an engineering career path

of first year

undergraduates

23 %



All engineering and tech-related: 5,643 (47%)



T Level

uptake

Digital production, design 1,472 and development Design and development for 1,110 engineering and manufacturing Design, surveying and planning 1,022 for construction

www.eukeducation.org.uk/references

8,680 mechanical engineering

6,115 electronic and electrical engineering

6,080 general engineering

5,285 civil engineering

3,845 aerospace engineering

2,750 chemical, process and energy engineering

2,430 production and manufacturing engineering

3,430 other engineering and technology subjects