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types of devices and structures  
from the largest skyscrapers to

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science and mathematics by which the properties of matter and the sources of energy in nature are made useful to people b engineering is the designing testing and building of machines structures and processes using maths and science studying it can lead to a rewarding career engineering is a discipline dedicated to problem solving 19 jan 2023 engineering is a great outlet for the imagination the perfect field for independent thinkers engineering takes teamwork and you ll work with all kinds of people inside and outside the field whether they re designers or architects doctors or entrepreneurs you ll be surrounded by smart inspiring people the university of edinburgh s school of engineering is one of the largest schools in the university and one of the leading centres of engineering in the world in the most recent research excellence framework ref review the school was ranked no 1 in uk engineering for research power engineering

noun uːk, ɛn dʒɪ'nɪə rɪŋ us, ɛn dʒɪ'nɪr ɪŋ b1 the work of an engineer a person who designs or builds machines engines electrical systems or large structures such engineering is the application of science and maths to solve problems while scientists and inventors come up with innovations it is engineers who apply these discoveries to the real world engineering is everywhere you look it plays a role in every aspect of our modern lives from robotics machine learning and artificial intelligence to mobile phones medical technology and driverless cars here in newcastle is where great innovators such as armstrong stephenson merz and swan developed ideas that changed the world over 250 organisations have joined together to inspire the next generation of engineers 24 jan 2023 the tomorrow s engineers code has reached an important milestone with there being over 250 organisations committed to increasing the diversity and number of young people entering engineering

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branches of the subject we  
have especially strong links  
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