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Topic
MY FUTURE PROFESSION

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1. *Look through the text and define the meaning of the words* **"engineering"** *and* **"engineer"**

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What is Engineering?

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Almost everything we use in modern life is made by engineers. In general, engineering is a science that deals with the design, construction and operation of structures, machines, engines and other devices. Engineer is a person who has received technical education and has a basic knowledge of other engineering fields, because most engineering problems are complex and interrelated. Engineers use theory for producing practical answers. We can say that engineering puts ideas into action. The term engineering is difficult to translate into Russian because it has a lot of meanings. Most often it is translated as: инженерное дело, техника, машиностроение, строительство.
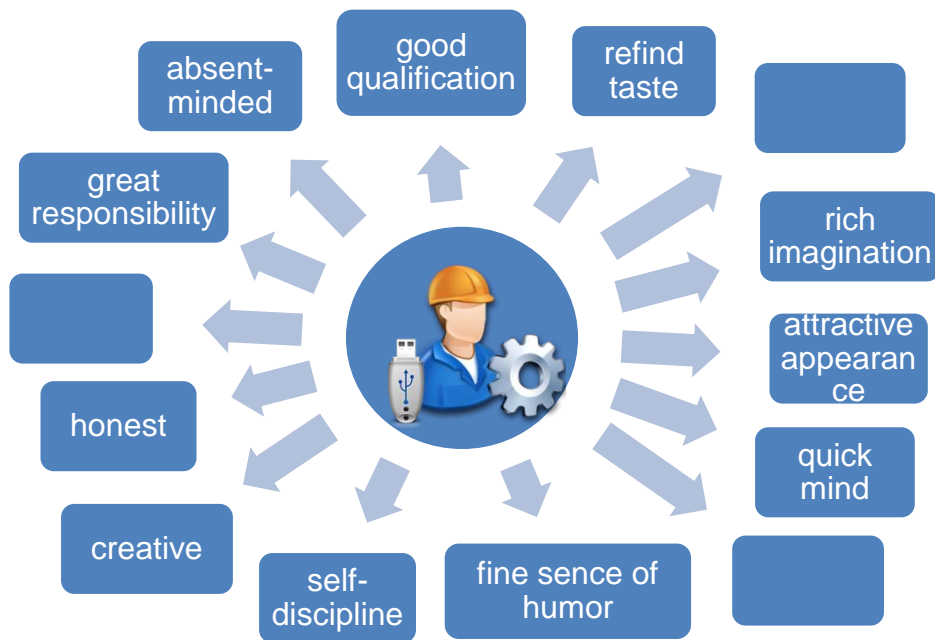
There are a lot of different types of engineering, which are called branches. So the whole science of engineering can be divided into the following main branches: electrical, mechanical, civil, electronic. There also exist several specialized areas which may be characterized as subfields of the major branches.

Summing up the information given above we can say that engineers work in many fields and the range of their activities is very wide. But to be a good specialist is not the same as to be a skilled person. You should have some features in your character which will form the basis for your future profession.

2. *Look through the list of activities and discuss in pairs what engineers do* **regularly/ usually/ sometimes/ never.**

- to find out how things work;
- to read scientific and and engineering articles;
- to develop integrated circuits;
- to teach students;
- to make ideas reality;
- to design and implement software systems;
- to work with the money and accounts of a company;
- to design useful things for the benefit of people;
- to discover new things;
- to solve puzzles and problems;
- to repair machines, especially car motors;
- to help customers to find the goods they want.

3. *Examine the spider, and discuss in pairs what qualities an engineer has to possess. You may add your own ideas. Prove your choice.*

e.g. I think an engineer has to be innovative in order to solve different engineering problems.

To my mind an engineer must have a wide scientific knowledge to develop new devices.

4. *What traits of your character will make you a good engineer?*