

● Science and technology

Topic vocabulary in contrast

see page 187 for definitions

artificial / false	aim / cause / reason	progress / development
natural / physical	estimate / calculate	modern / new
true / accurate	electric / electronic	industry / factory
method / way	invent / discover	award / reward
engine / machine / motor	research / experiment	take place / occur

Topic vocabulary in contrast

A Choose the correct answer.

Modern science

It seems entirely (1) to us that there are teams of scientists in universities and other institutions around the world, attempting to (2) the way the world works. However, it hasn't always been that (3) Although the scientific method is now four or five hundred years old, the ancient Greeks, for example, believed that they could work out the (4) of natural events just by the power of thought.

During the 17th century, more and more people began to realise that they could (5) their scientific ideas by designing a relevant (6) and seeing what happened. A lot of (7) was made in this way by individual scientists. These men and women often worked alone, carrying out (8) into many different areas of science, and they often received very little (9) for their hard work. At the start of the 20th century, though, it became (10) that science was becoming more complicated and more expensive. The individual scientist disappeared, to be replaced by highly qualified teams of experts. Modern science was born.

- | | | | |
|-----------------|--------------|-------------|-------------|
| 1 A physical | B natural | C typical | D real |
| 2 A create | B invent | C construct | D discover |
| 3 A route | B method | C way | D technique |
| 4 A aims | B reasons | C causes | D impulses |
| 5 A calculate | B estimate | C measure | D test |
| 6 A experiment | B research | C attempt | D analysis |
| 7 A development | B movement | C progress | D evolution |
| 8 A research | B experiment | C discovery | D education |
| 9 A award | B prize | C gift | D reward |
| 10 A clear | B true | C accurate | D actual |

B Circle the correct word.

- Many materials have been used for **artificial / false** teeth, including wood.
- Be careful! You might give yourself an **electric / electronic** shock!
- I'm afraid the problem with your washing machine is the **engine / motor**.
- Many employers in the chemicals **industry / factory** object to the new law.
- My computing exam is **taking place / occurring** next week.
- Technology is a fundamental part of **new / modern** life.
- We had our car serviced and it seems there's a problem with the **engine / machine**.