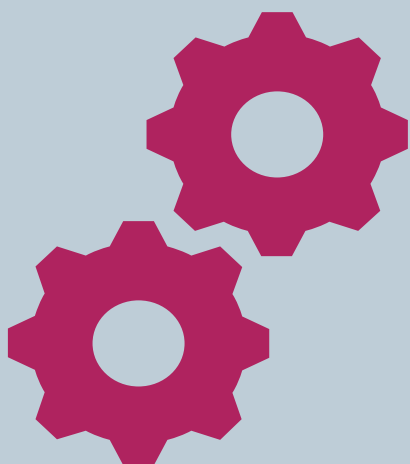
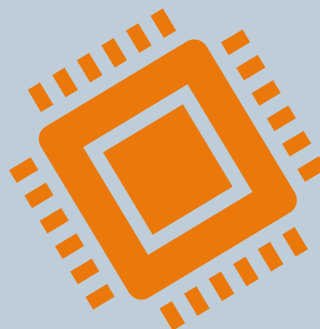
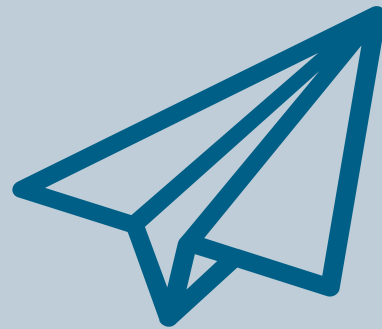


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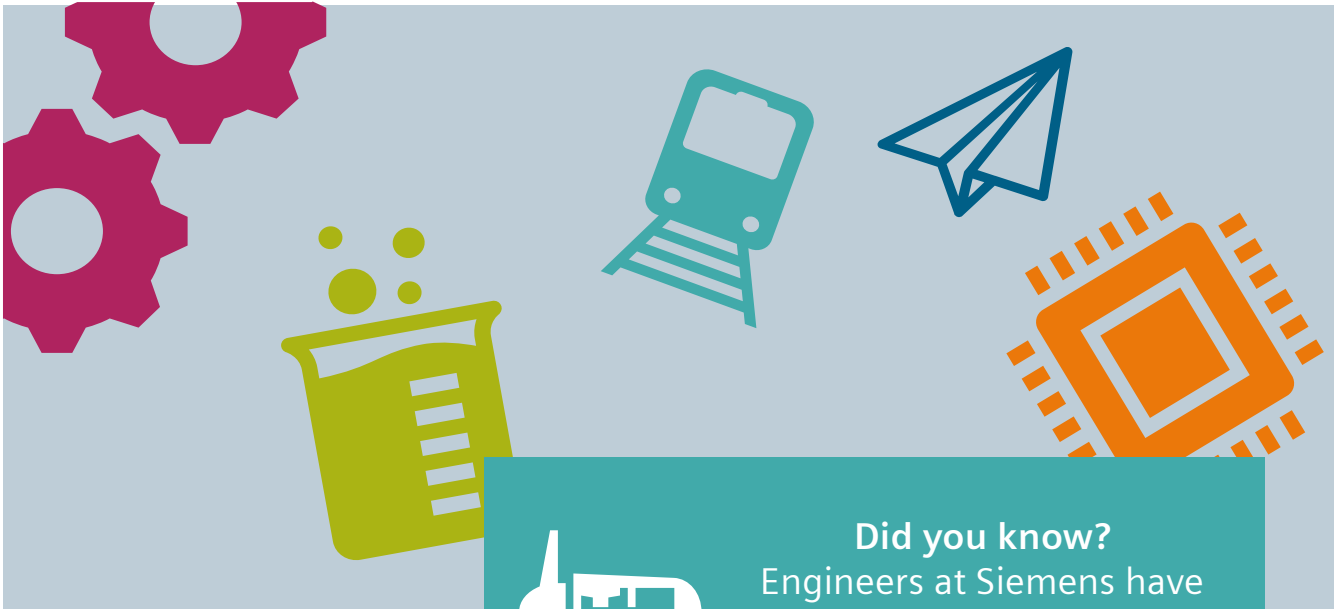
Ingenuity for life



Engineering Quiz

Question Book

[siemens.co.uk/education](https://www.siemens.co.uk/education)



Did you know?

Engineers at Siemens have designed a wind turbine that has a rotor diameter of 193m!

Engineers design and make the world around us! Do you want to be an engineer?

Question 1

What is the name of the scientific instrument used to measure temperature?

Question 2

Solar panels generate electricity from what source?

Question 3

There are five gears connected in a row. If the first gear is rotating clockwise what direction is the fifth gear turning?

Question 4

Thomas Edison had over 1000 patents for his inventions! Name one of them.

Question 5

What is the force produced by two moving surfaces in contact called?

Question 6

How did the Romans supply water to their towns?

Question 7

What did the Wright Brothers invent in 1903?

Question 8

The structure of a beehive is made up of which geometrical shape?

Question 9

In electricity, voltage is measured in volts. What is current measured in?

Question 10

Which of the following materials is man-made: wood, cotton, plastic or clay?

Question 11

What does a pneumatic system use to make it move: gas, water, gears or pulleys?

Question 12

The great white shark can swim 10 times faster than an average human swimmer! Which features of the great white shark help it swim fast?

Question 13

Battery life is extended by storing batteries at a low temperature. True or false?

Question 14

What is the world's tallest free-standing structure?

Question 15

Which 19th century invention is used by doctors to check for broken bones?

Engineers help to design and make rollercoasters! Siemens designed the motors used in the Nemesis ride at Alton Towers.



Did you know?
The name of the rollercoaster Nemesis is an anagram of Siemens!



Did you know?
Over half of children in 2020 will end up doing jobs that don't even exist yet!



Score: /15

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