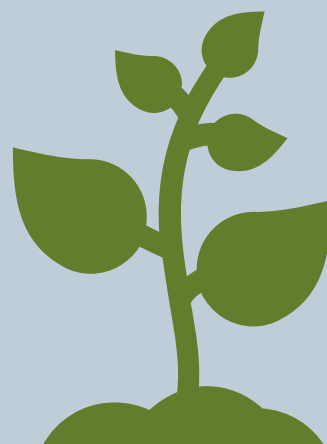
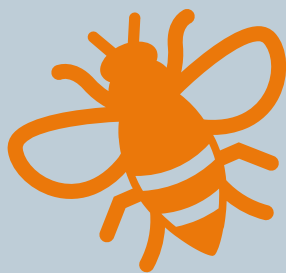


SIEMENS

Ingenuity for life



Sustainability Quiz

Answer Book

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



Did you know?

In the UK we recycle 45% of our waste. That's over 12 million tonnes of recycling!

Question 1

What happens to waste that isn't recycled?

Landfill or incineration

Question 2

When travelling to school which mode of transport is best for the environment?

B: Bike

Question 3

Wasting less food is a way to reduce greenhouse gas emissions. True or false?

True

Question 4

About 71% of the Earth is covered with water. How much of it is fresh water?

2.5%

Question 5

How many UN Sustainable development goals are there?

17

Question 6

Which animal produces the wool we use to make clothes?

Sheep



In 2015 the United Nations launched the Sustainable Development Goals to unite different countries and accelerate sustainable development.



Did you know?

A five-minute shower uses about 40 litres of water. That's about half the volume of water used when taking a bath!

Question 7

How can you save water?

- **Fix leaky taps**
- **Take a shower instead of a bath**
- **Collect rainwater in a water butt**

Question 8

What are the three Rs?

Reduce. Reuse. Recycle.

Question 9

What is renewable energy?

Energy that will not run out.

Question 10

How is hydroelectricity produced?

Moving water generates electricity when it flows through a turbine.

Question 11

How many blades does a wind turbine usually have?

3

Question 12

Which of these energy sources is a fossil fuel?

C: Gas Turbine



Siemens Gamesa designs and builds offshore wind turbines that have a blade length of 100m!



Did you know?

The amount of plastic dumped in our oceans is equivalent to one garbage truck every minute!

Question 13

How many years does it take a single aluminium can to decompose?

80-100 years

Question 14

How many million tons of plastic is dumped in our oceans every year?

8 million tons

Question 15

Which of these items can you not recycle?

A: Polystyrene cup

Interested in energy?

Stay curious about sustainable energy by trying the Siemens interactive game Energy Island. Scan the QR code to play!



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