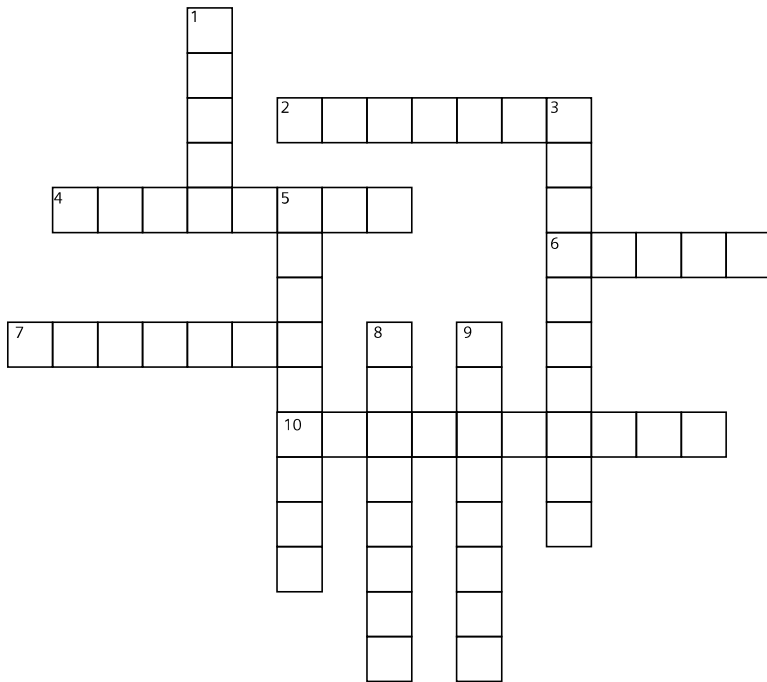


6 PUZZLE PAGE

Here's some fun puzzles to test your knowledge of Sustainability. You might have to re-read some of the features in this issue to find the answers.

Sustainability Issue Crossword

Read back across the issue to find the answers.



ACROSS

- 2 Finding this causes 30% of the air pollution in cities
- 4 The most abundant element in the universe
- 6 Where ocean waves are used to generate electricity
- 7 A chemical storage of energy
- 10 A type of vehicle that can think for itself

DOWN

- 1 Power from the sun
- 3 An underground energy source
- 5 The home of the giant tortoise
- 8 Makes up 78% of the air around us
- 9 A group of wind turbines

Word Search

How many keywords can you find from this issue?

C	I	R	Y	T	I	C	I	R	T	C	E	L	E
O	X	Y	G	E	N	E	D	A	N	M	A	A	S
B	T	B	N	O	O	B	Y	D	D	M	U	E	U
M	A	A	I	A	L	R	G	I	I	D	Y	T	S
R	A	T	R	O	A	E	R	L	A	Y	U	W	T
E	B	R	T	D	D	M	E	I	R	I	I	T	A
N	I	F	A	E	S	I	N	E	A	N	E	U	I
E	O	R	I	E	R	O	E	B	D	E	B	R	N
W	M	B	S	N	M	Y	E	S	L	D	O	B	A
A	A	B	R	M	A	R	E	O	E	I	O	I	B
B	S	A	A	I	N	N	Y	Y	N	L	E	N	L
L	S	R	N	L	I	N	O	B	R	A	C	E	E
E	T	I	F	U	E	L	E	O	S	N	O	B	D
H	Y	D	R	O	E	L	E	C	T	R	I	C	I

- | | | |
|-----------|---------------|-------------|
| CARBON | WIND | BIODIESEL |
| OXYGEN | AMMONIA | SUSTAINABLE |
| RADAR | TURBINE | FUEL |
| BIOMASS | ELECTRICITY | |
| RENEWABLE | HYDROELECTRIC | |
| ENERGY | BATTERY | |

Sustainability Issue Riddles

You'll find the answers to each of these riddles across this issue.

- 1 I seem to weigh nothing but you produce me in tons, my footprint is huge, I come out of your lungs.
- 2 The power of Neptune, the end of Canute, get off of the beach I'm coming in soon.
- 3 I fit in your hand and up in the sky, an inspiring beak for an inquiring mind.
- 4 I am all colours and from far away, I heat up your tea, but only by day.
- 5 Frequently found, invisible in water, always as a pair and never one shorter.

Renewable Energy Dilemma

Judith can't decide whether she should switch to wind or solar power. Installing a small solar panel will cost £250 and save her 30% of her yearly £700.00 electricity bill. A small wind turbine will cost £310 and save 45% of her bill. She has no extra money to spend this year. Which should she choose?

DIY Science

Harness the power of flowing water with a DIY Science Waterwheel. Check out all the Siemens Education DIY Science Videos



ANSWERS
CROSS WORD - Across - 2 Parking, 4 Hydrogen, 6 Tidal, 7 Ammonia, 10 Autonomous
DOWN - 1 Solar, 3 Geothermal, 5 Galapagos, 8 Nitrogen, 9 Wind Farm
SUSTAINABILITY ISSUE RIDDLES - 1 Carbon dioxide, 2 Tidal energy, 3 Darwin's finches,
4 Solar energy, 5 Hydrogen, 6 Renewable Energy DILEMMA - Wind Turbine