

# COOL STUFF!

## activity sheet

Now you have read 'COOL STUFF!', find out how much you remember by trying these puzzles with Peter and Amy.



Peter wants you to stay safe. Find the missing word in each rule to read them all.

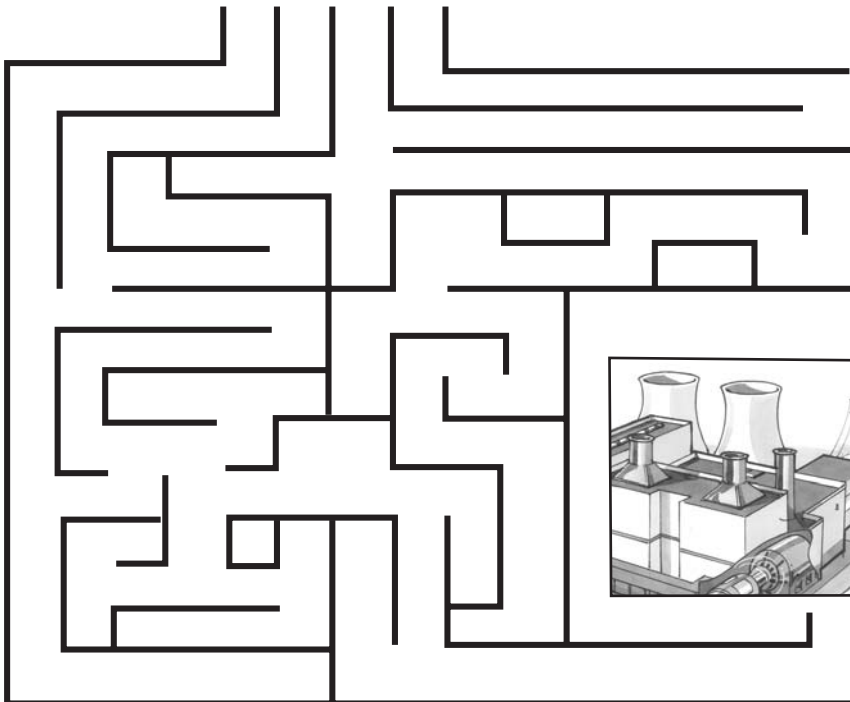
1. Never \_\_\_\_\_ too many things into one socket because it will be overloaded.
2. Don't touch bare wires because you could get an electric \_\_\_\_\_.
3. Electricity and \_\_\_\_\_ don't mix.
4. If you smell gas, don't operate any electricity \_\_\_\_\_ or gadget.
5. Never carry long objects near \_\_\_\_\_ electricity cables.
6. It is dangerous to fly \_\_\_\_\_ near overhead electricity cables.
7. Roadworks have \_\_\_\_\_ to stop people falling down holes in the road.
8. It's not a good idea to play ball games near electricity \_\_\_\_\_.

### ANSWERS:

barriers - overhead - kites  
plug - shock - substations -  
switch - water



Help Eric find his way to the power station.



How many words can you make out of the letters in

**ELECTRICITY CABLES**

- 1 .....
- 2 .....
- 3 .....
- 4 .....
- 5 .....
- 6 .....
- 7 .....
- 8 .....
- 9 .....
- 10 .....
- 11 .....

See how many of the answers below you can find in Peter's TRACKWORD puzzle.

F	T	R	A	N	S	F	O	R	M	E	R
A	X	S	E	G	C	N	E	P	B	U	T
R	B	S	H	V	A	S	W	I	T	C	H
A	U	C	N	O	C	A	L	C	P	O	E
D	T	Q	P	O	C	A	Z	S	R	N	T
A	B	U	E	K	R	K	C	P	E	X	I
Y	J	F	R	L	A	T	I	R	T	Z	M
N	D	D	T	B	U	S	G	O	P	V	C
V	O	L	T	S	I	Y	A	I	X	Q	V
V	P	E	K	C	I	N	N	E	X	T	V
B	N	E	N	G	I	N	E	E	R	C	T
E	L	E	C	T	R	I	C	I	T	Y	A

Answers: ELECTRICITY - ENERGY- ENGINEER - FARADAY - SHOCK - SWITCH - TRANSFORMER - TURBINE - VOLTS



What should you do if you see someone hurt who might have had an electric shock?

Answer: .....

.....

.....

.....



Try Professor Polly's CROSSWORD.

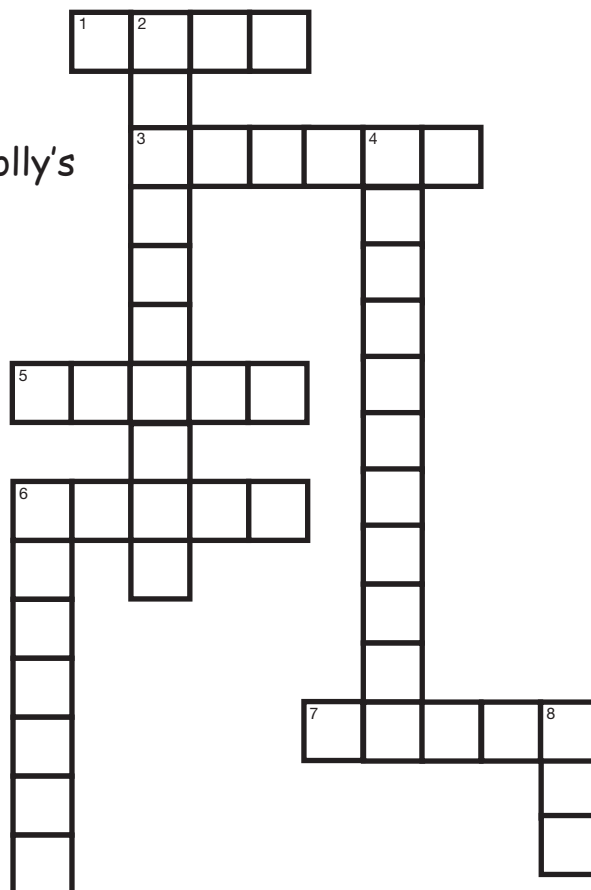
ACROSS

- 1 Renewable energy comes from \_\_\_\_ farms
- 3 Too many plugs will overload the \_\_\_\_\_
- 5 Never use electricity near \_\_\_\_\_
- 6 Don't play near overhead electricity lines, you could get a \_\_\_\_\_
- 7 The power of water makes \_\_\_\_\_ electricity

DOWN

- 2 \_\_\_\_\_ on cables protects you from shocks
- 4 Spinning magnets in a coil of wire makes \_\_\_\_\_
- 6 Electricity is made in a power \_\_\_\_\_
- 8 Save money by turning \_\_\_\_ gadgets when you're not using them

Answers: ELECTRICITY - HYDRO - INSULATION - OFF - SHOCK - SOCKET - STATION - WATER - WIND



Peter, Amy, Eric and Polly say "WELL DONE. STAY SAFE AND STAY COOL!"