

Young Scientists Discover Electricity's Powerful Secrets

Grade 4

science

young-scientists Theme

Word Search

NGSS.4-PS3-2

Young scientists investigate how electricity transfers energy and powers their world.

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

FIND THESE WORDS:

CONDUCTOR

CIRCUIT

VOLTAGE

INSULATOR

BATTERY

ENERGY

RESISTOR

CURRENT

SWITCH

Name: _____

Date: _____

✓ ANSWER KEY — Young Scientists Discover Electricity's Powerful Secrets

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TEACHER/PARENT USE ONLY — Words are highlighted in the grid below

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

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VOCABULARY

CIRCUIT — A closed loop that allows electricity to flow

BATTERY — A device that stores and provides electrical energy

CONDUCTOR — A material that allows electricity to flow through it

INSULATOR — A material that blocks electricity from flowing

ENERGY — The ability to do work or cause change

CURRENT — The flow of electricity through a conductor

SWITCH — A device that opens or closes a circuit

ELECTROMAGNET — A magnet created by electric current flowing through a coil

VOLTAGE — The strength or pressure of electrical energy

RESISTOR — A device that slows down the flow of electricity