

Electric Sounds: Powering Music with Energy

Grade 4

science

music Theme

Word Search

NGSS.4-PS3-2

Discover how electricity powers speakers and amplifiers to create the music we love!

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

FIND THESE WORDS:

CONDUCTOR

BATTERY

SWITCH

CIRCUIT

VOLTAGE

POWER

CURRENT

ENERGY

LIGHT

Name: _____

Date: _____

✓ ANSWER KEY — Electric Sounds: Powering Music with Energy

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

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

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VOCABULARY

ENERGY — The ability to do work or make something move

CIRCUIT — A closed path that electricity travels through

CONDUCTOR — A material that allows electricity to flow through it

CURRENT — The flow of electricity through a circuit

BATTERY — A device that stores and provides electrical energy

POWER — The rate at which energy is used or transferred

LIGHT — Energy that travels in waves and can be seen

SWITCH — A device that opens or closes an electrical circuit

ELECTROMAGNET — A magnet created by electricity flowing through a coil

VOLTAGE — The amount of electrical force pushing current through a circuit