



STEM Education Works®

Scope & Sequence

Circuitry with MindLabs



CIRCUITRY WITH MINDLABS

	Grade Band	Unit	Overview
CIRCUITRY WITH MINDLABS	3-5	Energy	Students explore the idea of energy transfer and power.
	3-5	Complete Circuit 1	Students explore the basic concepts of electric circuits.
	3-5	Complete Circuit 2	Students explore additional concepts of electric circuits, including the components of a circuit and how they work together to transmit electricity.
	3-5	Switches	Students learn about switches and their role in controlling the flow of electricit .
	3-5	Create	Students gain hands-on experience in building and testing simple circuits.



NGSS Standards Alignment	NGSS Discipline	Connected Subjects	Time Required
4-PS3-2 4-PS3-4 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	Physical science	ELA, science, math, SEL, movement	1 hour
4-PS3-2 4-PS3-4 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	Physical science	ELA, science, math, SEL, movement	1 hour
4-PS3-2 4-PS3-4 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	Physical science	ELA, science, math, SEL, movement	1 hour
4-PS3-2 4-PS3-4 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	Physical science	ELA, science, math, SEL, movement	1 hour
4-PS3-2 4-PS3-4 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3	Physical science	ELA, science, math, SEL, movement	1 hour



