

Unit at a glance

It's electrifying

Phase	Lesson	At a glance
ENGAGE	Lesson 1 What makes it go?	To capture students' interest and find out what they think they know about how electric circuits work. To elicit students' questions about how electric circuits work.
EXPLORE	Lesson 2 Light up my life	To provide hands-on, shared experiences of constructing and representing electric circuits.
	Lesson 3 Light bulb explorers	To provide hands-on, shared experiences of the structure of a light bulb.
	Lesson 4 Alessandro Volta: Battery maker	To support students to explore the role of Alessandro Volta in the development of the first battery.
EXPLAIN	Lesson 5 Enacting electrons	To support students to represent and explain their understanding about electric circuits. To introduce current scientific views.
ELABORATE	Lesson 6 Problem solvers: What's it all about?	To support students to plan and conduct an investigation of conductors and insulators.
	Lesson 7 Switched on	To support students to investigate the function of switches in an electric circuit.
EVALUATE	Lesson 8 Bright sparks: Sharing what we know	To provide opportunities for students to represent what they know about electric circuits, and to reflect on their learning during the unit.