



Unit 2: Section 2: Using Electricity and Magnetism Checklist

Essential Question: How can electricity be used to improve our lives?

Ensure you have completed these activities and assessments from the Electricity and Magnetism Unit before moving on to Section 3.

Section 2: How can electricity be controlled and used?

Lesson 4: How is the electricity we use daily measured and paid for?

- Activity 7: The Electricity in My Life
- Activity 8: How Much Does My Electricity Cost?
- Activity 9: What is the Best Way to Use Less Electricity?
- Exit Pass: Lesson 4
- Self-Checks 1, 2, 3

Lesson 5: Do all materials allow electricity to flow through them?

- Activity 10: Circuits
- Activity 11: Testing for Conductors
- Activity 12: Resisting My Circuit
- Exit Pass: Lesson 5
- Self-Checks 1, 2

Lesson 6: How can we understand, design, and control electrical pathways?

- Activity 13: Switch on, Switch off
- Activity 14: Drawing and Interpreting Circuit Diagrams
- Activity 15: Building a Roadside Emergency Light
- Exit Pass Lesson 6
- Self-Checks 1, 2

Lesson 7: How can we change circuits to control the amount of electricity that flows?

- Activity 16: Series and Parallel Circuits
- Activity 17: A String of Lights
- Self-Check 1
- Exit Pass Lesson 7
- Self-Assessment: How Can Electricity Be Controlled and Used?
- Assessment 2-2: Build a Burglar Alarm