**Using Electricity and Magnetism**

**Checklist**

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

**Checklist**

**Use this checklist to track your activities and assessments as you complete them for the Using Electricity and Magnetism Unit.**

**What are Electricity and Magnetism and How Can They Be Used Safely?**

* **What is electricity?**

Discover: The Power of Electrons

Exit Pass

* **What is magnetism, and how is it related to electricity?**
* Discover: The Mysteries of Magnetism

Explore: Electricity + Magnets = Electromagnets

Exit Pass

* Assessment 2-1: Electricity and Magnetism Through Time
* **What are the dangers of electricity and how can it be safely used?**
* Observe: Being Safe Around Electricity

Observe: Using Batteries Safely

Exit Pass

* Self-Assessment: What are Electricity and Magnetism and How Can They Be Used Safely?

**How Can Electricity Be Controlled and Used?**

* **How is the electricity we use daily measured and paid for?**

Discover: The Electricity in My Life

Discover: How Much Does My Electricity Cost?

Discover: What’s the Best Way To Use Less Electricity?

Exit Pass

* **Do all materials allow electricity to flow through them?**

Discover: Testing for Conductors

Discover: Resisting My Circuit

Exit Pass

* **How can we understand, design, and control electrical pathways?**

Discover: Switch on, Switch off

Discover: Build a Roadside Emergency Light

Exit Pass

* **How can we change circuits to control the amount of electricity that flows?**

Discover: A String of Lights

Exit Pass

Self-Assessment

Assessment 2-2: Build a Burglar Alarm

**How Can We Use Electrical Circuits to Build Devices?**

* **How can electrical technology be used to build devices and solve problems?**

Discover: Get Your Motor Running

Exit Pass

Self-Assessment: How Can Electrical Technology Be Used to Build Devices

and Solve Problems

Assessment 2-3: An Electrical Invention Solves a Problem

Assessment 2-4: How Can Electricity Be Used to Improve Our Lives?

**If you have not completed and submitted the Assessments, please do so now.**

**If you have completed and submitted the Assessments, you may go on to the next Unit.**

**Congratulations!**