

# Overview-Classroom Activities

7<sup>th</sup> & 9<sup>th</sup> Grades: Electricity and Circuits

---



## Introduction

Lesson	Lesson Materials	NEED Curriculum & Additional Resources
Coal Sequence	Coal Sequence Cards	<i>Intermediate &amp; Secondary Energy Infobooks</i>
Circuits are Everywhere	Class set of solar toys; 5 mini-screwdrivers	<i>Sea Grant: Solar Technology Curriculum</i>
Dissecting a Solar Toy	Class set of solar toys; 5 mini-screwdrivers	<i>Sea Grant: Solar Technology Curriculum</i>

## Electricity & Circuits with Snap Circuits

Lesson	Lessons & Activities	NEED Curriculum & Additional Resources
Lesson 1: Circuits Exploration	Snap Circuit Pro (6 sets); 24 AA batteries; Student Worksheet	<i>Elenco Electronics Snap Circuit Student Guide</i>
Lesson 2: Resistance	Snap Circuit Pro (6 sets); 24 AA batteries; Student Worksheet	
Lesson 3: Meters	Snap Circuit Pro (6 sets); 24 AA batteries; Student Worksheet	

Student Worksheets, Teacher Lesson Plans and Pre/Post Polls are available at:

[www.ohioenergy.org/educators](http://www.ohioenergy.org/educators)

NEED Curriculum in PDF format is available at:

[www.need.org](http://www.need.org)