

ELECTRIC CIRCUITS

Revised 12/07

Lesson	Lesson Topic	Connecticut Standard	Required for 4 th Grade
One 1 day AIMS Electrical Connections	Atoms	4.4 B14, B15 B1NQ 1,4,6	Fundamental
Two 1 day AIMS Electrical Connections	Static Strokes	4.4 B14 B1NQ 1,3,5,6	Fundamental
Three 1 day AIMS Electrical Connections	Different Strokes	4.4 B14 B1NQ 1,3,6	Fundamental
Four 1 day AIMS Electrical Connections	Balance Your Charge Account	4.4 B14 B1NQ 2,5	Elective
Five 1 day AIMS Electrical Connections	Lightning	4.4 B15 B1NQ 1,2, 6	Fundamental
Six 1 day STC Reader p.29	Electricity Safety	4.4 B15 B1NQ 1,2	Fundamental
Seven 1 day STC Lesson One *	Thinking About Electricity and Its Properties	4.4 B14, B15, B16 B1NQ 1,3,4,6	Fundamental
Eight 1 day STC Lesson Two * Embedded Task	What Can Electricity Do? “Go With the Flow” Experiment #1	4.4 B14, B1NQ 1,3,4	Fundamental
Nine 1 day STC Lesson Three	A Closer Look at Circuits	4.4 B14, B15 B1NQ 1,3,4,5,6	Fundamental
Ten* 1 day STC Lesson Four	What is Inside a Light bulb?	4.4 B14, B15 B1NQ 1, 3, 4, 6	Fundamental
Eleven* 1 day STC Reader p. 36	What’s the Best Bulb?	4.4 B14, B15 B1NQ 1,2	Fundamental
Twelve 1 day STC Lesson Five	Building a Circuit	4.4 B14, B15 B1NQ 1, 3, 4, 5, 6	Fundamental
Thirteen 1 day STC Lesson Six	What’s Wrong With the Circuit?	4.4 B14, B15 B1NQ 1, 3, 4, 5, 6	Fundamental

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Fourteen 1 day STC Lesson Seven* Embedded Task	Conductors and Insulators Go with the Flow Experiment #2	4.4 B14, B15 BINQ 1,3,4	Fundamental
Fifteen 1 day STC Lesson Eight	Making a Filament	4.4 B14, B15 BINQ 1, 3, 4, 6	Fundamental
Sixteen 1 day STC Lesson Nine	Hidden Circuits	4.4 B14, B15 BINQ 1, 3, 4, 5, 6	Fundamental
Seventeen 1 day STC Lesson Ten	Deciphering a Secret Language	4.4 B14, B15 BINQ 1, 3, 4, 5, 6	Fundamental
Eighteen 1 day STC Lesson Eleven	Exploring Series and Parallel Circuits	4.4 B14, B15 BINQ 1, 3, 4, 5, 6	Fundamental
Nineteen 1 day STC Lesson Twelve	Learning about Switches	4.4 B14, B15 BINQ 1,3, 4, 5, 6	Fundamental
Twenty* 1 day M. M. Reader p.33	Telegraph Links the Nation AIMS p.59	4.4 B14 BINQ 1,2,3,6,7	Fundamental
Twenty-one* 1 day STC Reader p.13	The Battery Guy	4.4 B15 BINQ 1,2,3,4	Fundamental
Twenty-two 1 day STC Lesson Thirteen	Constructing a Flashlight	4.4 B14, B15 BINQ 1, 3, 4,5,6,	Fundamental
Twenty-three 1 day Embedded Task*	Go with the Flow Experiment #3	4.4 B14, B15 BINQ	Fundamental
Twenty-four 1 day STC Lesson Fourteen	Working a Diode	4.4 B14, B15 BINQ 1, 3, 4, 5, 6	Fundamental
Twenty-five 1 day STC Lesson Fifteen	Planning to Wire a House	4.4 B14, B15 BINQ 1, 3, 4, 5, 6	Fundamental
Twenty-six* 1 day STC Lesson Sixteen	Wiring and Lighting the House	4.4 B14, B15 BINQ 1, 3, 4, 5, 6	Fundamental
Twenty-seven 1 day AIMS p. 51	Circuit Breakers	4.4 B14 BINQ 1,3,6	Fundamental

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Twenty-eight 1 day STC Reader p.24	From Fossil Fuel to You 18 EEsmarts cards	4.4 B14 BINQ 1,2,5,7	Fundamental
Twenty-nine* 1 day STC Reader p. 32-35	Living with Electricity	4.5 B14 BINQ 1,2	Fundamental
Thirty 1 day	Electrical Use in Homes	4.4 B14 BINQ 1,2,4,6	Fundamental
Thirty-one 1 day	What Will a Magnet Attract?	4.1 B8 4.4 B16 BINQ 1,3,4,5	Fundamental
Thirty-two 1 day STC Lesson 4 Magnets and Motors	Measuring Magnets	4.1 B8 4.4 B16 BINQ 1, 3, 4, 5, 6,10	Fundamental
Thirty-three 1 day	A Sorting Challenge	4.1 B8 4.4 B16 BINQ 1, 3, 4, 5, 6	Fundamental
Thirty-four 1 day STC Lesson 5 Magnets and Motors	Building a Compass	4.1 B8 4.4 B16 BINQ 1,3,4,6	Fundamental
Thirty-five 1 day STC Lesson 6	Using a Compass	4.1 B8 4.4 B16 BINQ 1,2,3,4,5,6	Fundamental
Thirty-six * 1-2 days	The Mystery of Magnets	4.1 B8 4.4 B16 BINQ 1,2,3,4,5,6	Elective
Thirty-seven 1 day Magnets and Motors28	Electromagnets	4.1 B8 4.4 B16 BINQ 1,2	Fundamental
Thirty-eight* 1 day STC 42-55	Electromagnets Make It Happen	4.1 B8 4.4 B16 BINQ 1,2,6,7	Fundamental
Thirty-nine 1 day	Assessment		Fundamental



MEANS LITERACY CONNECTION