

		Monday	Tuesday	Wednesday	Thursday	Friday
Lesson Foundations	Focus Standard Objective Sub-objectives	G.5 S.5 C.3 P.02 I can understand that Electric Energy can be Stored and Transferred.	G.5 S.5 C.3 P.02 I can understand that Electric Energy can be Stored and Transferred.	G.5 S.5 C.3 P.02 I can understand that Electric Energy can be Stored and Transferred.	G.5 S.5 C.3 P.02 I can understand that Electric Energy can be Stored and Transferred.	G.5 S.5 C.3 P.02 I can understand that Electric Energy can be Stored and Transferred.
	Essential Learning/Big Idea/Essential Questions	<p>What are four types of Energy that Electricity can be changed into?</p> <p>What are some ways in which Electromagnets are used?</p> <p>What are the two main parts of a motor?</p>	<p>How do Neutrons affect Electric Charge?</p> <p>What causes an object to build up a Static Charge?</p> <p>What causes an Electric Current to keep moving?</p>	<p>Exp#1: A 100-Watt Light Bulb costs \$1.00, and lasts 1,000 hours. A 15-Watt Fluorescent Bulb provides the same amount of light. It costs \$6.00, and last 10,000 hours Which Light Bulb is the better buy & Why?</p> <p>Exp#2: Keep a Log: keep track of the number of hours a day the lights are on. Also keep track of the number of hours you watch TV & your other Electronic Devices, whenever they are being used. Make a Bar-Graph, to show your Usage of each device, or Electronic Machines?</p>	<p>What causes a Metal to be a good Conductor of Electricity?</p> <p>Some Air-Filters have Metal Plates that build up a Static Charge. How can this clean the Air?</p> <p>What two things are needed in order for Electric Current to flow in a Circuit?</p>	<p>What are two advantages that Parallel Circuits have over Series Circuits?</p> <p>What do you see on a Circuit Diagram?</p> <p>If you want a Switch to turn a light on and off, should you connect them in Series or in Parallel? Explain?</p> <p>Exp#3: Valley Electric Update: Mr. King's Father, Noble King, built a famous Hotel Sign in 1960, called, "The Diving Lady". It is located on Main St. & Lindsey Rd. in Mesa, AZ. This sign was recently re-built and re-stored so people could enjoy the sign for future generations.</p> <p>Research a local Power Electric Company, ie: SRP or South West Gas. Find out how much a Large Street Sign would cost? How much Electricity is generated through constant use by such signs?</p>

	Resources	Harcourt Textbooks, Google Research engine on-line, Mr. King's personal research.	Harcourt Textbooks, Google Research engine on-line, Mr. King's personal research.	Harcourt Textbooks, Google Research engine on-line, Mr. King's personal research.	Harcourt Textbooks, Google Research engine on-line, Mr. King's personal research.	Harcourt Textbooks, Google Research engine on-line, Mr. King's personal research.
	Vocabulary	Electricity, Electromagnet, Static Electricity, Electric Current, Conductor, Insulator, Electric Circuit, Series Circuit, Parallel Circuit.	Electricity, Electromagnet, Static Electricity, Electric Current, Conductor, Insulator, Electric Circuit, Series Circuit, Parallel Circuit.	Electricity, Electromagnet, Static Electricity, Electric Current, Conductor, Insulator, Electric Circuit, Series Circuit, Parallel Circuit.	Electricity, Electromagnet, Static Electricity, Electric Current, Conductor, Insulator, Electric Circuit, Series Circuit, Parallel Circuit.	Electricity, Electromagnet, Static Electricity, Electric Current, Conductor, Insulator, Electric Circuit, Series Circuit, Parallel Circuit.
Focus Lesson	Connections I Do (Teacher Model)	Teacher demonstrates lesson's vocabulary and definitions. Teacher show's how to write clip notes, highlight key points, and prepare for notes in the lesson.	Teacher demonstrates lesson's vocabulary and definitions. Teacher show's how to write clip notes, highlight key points, and prepare for notes in the lesson.	Teacher demonstrates lesson's vocabulary and definitions. Teacher shows how to write clip notes, highlight key points, and prepare for notes in the lesson.	Teacher demonstrates lesson's vocabulary and definitions. Teacher shows how to write clip notes, highlight key points, and prepare for notes in the lesson.	Teacher demonstrates lesson's vocabulary and definitions. Teacher shows how to write clip notes, highlight key points, and prepare for notes in the lesson.
Guided Practice	We do You do together	Teacher and students work together to make sense of lessons essential questions and vocabulary. Students and Teacher record answers in our class notebooks.	Teacher and students work together to make sense of lessons essential questions and vocabulary. Students and Teacher record answers in our class notebooks.	Teacher and students work together to make sense of lessons essential questions and vocabulary. Students and Teacher record answers in our class notebooks.	Teacher and students work together to make sense of lessons essential questions and vocabulary. Students and Teacher record answers in our class notebooks.	Teacher and students work together to make sense of lessons essential questions and vocabulary. Students and Teacher record answers in our class notebooks.
Independent Learning	You do	Students then use Team-Time and Partner-Time to discuss essential questions again with partners, and sometimes with the teacher individually. Homework is also assigned for extra learning on Essential Questions.	Students then use Team-Time and Partner-Time to discuss essential questions again with partners, and sometimes with the teacher individually. Homework is also assigned for extra learning on Essential Questions.	Students then use Team-Time and Partner-Time to discuss essential questions again with partners, and sometimes with the teacher individually. Homework is also assigned for extra learning on Essential Questions	Students then use Team-Time and Partner-Time to discuss essential questions again with partners, and sometimes with the teacher individually. Homework is also assigned for extra learning on Essential Questions	Students then use Team-Time and Partner-Time to discuss essential questions again with partners, and sometimes with the teacher individually. Homework is also assigned for extra learning on Essential Questions
Closure		Why is Energy saved or used, through Electrical Power, useful to our Society?	What relationship exists between Electrons, Protons, & Neutrons to any kind of power generated through Common Electricity?	Working with Electrical Objects can be very safe but, can also be very dangerous. How do you guarantee that someone's safety is the number one priority?	Why do People have to be careful with Electricity around Metal Products?	5 th Graders thanks for trying Science at home, and doing your best at taking responsibility for your own learnings.

Homework		The Students will write 5 minute ticket out the door homework assessments to answer the “Big essential question of the day”.	The Students will write 5 minute ticket out the door homework assessments to answer the “Big essential question of the day”.	The Students will write 5 minute ticket out the door homework assessments to answer the “big essential question of the day”.	The Students will write 5 minute ticket out the door homework assessments to answer the “big essential question of the day”.	The Students will write 5 minute ticket out the door homework assessments to answer the “big essential question of the day”.
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