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Information/Activity	Core Idea	Learning Standards
p.1 Coloring	Create art that represents natural and constructed environments. Describe what an image represents.	NCAS: Creating #2 K Responding #7 K
p.2 Get Set to Listen; What Did you Learn?	Recount or describe key ideas or details from (a text read aloud or) information presented orally or through other media.	Common Core ELA: SL 2
p.3 Activity: Solar History Timeline	Describe the chronology of events... Engage effectively in a ... collaborative discussion... Present claims and findings, sequencing ideas logically and using pertinent descriptions, facts, and details...	Common Core ELA: RI 5 (K-5) SL 1 (6-8) SL 4 (6-8)
p.3, 4, 5	Read and comprehend informational texts, including history/social studies, science, and technical texts...	Common Core ELA: RI 10
p.4 Activity: Shoebox Passive Solar Houses p.7 Activity: Pizza Box Solar Oven	Apply scientific ideas to design, test, and refine a device that converts energy from one form to another. Apply scientific principles to design, construct, and test a device that either minimizes or maximizes thermal energy transfer. Design, build, and refine a device that works within given constraints to convert one form of energy into another form of energy.	4-PS3-4 MS-PS3-3 HS-PS3-3
p.5 Activity: Solar Cell Demonstration	Read and comprehend informational texts, including history/social studies, science, and technical texts... Solar cells are human-made devices that likewise capture the sun's energy and produce electrical energy.	Common Core ELA: RI 10 PS3.D
p.6 Sources of Electricity Pie Graph	Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs...) Conduct short research projects to answer a question, drawing on several sources...	Common Core ELA: RI 7 (4) WHST 7 (6-8)
p.8 Coloring: Humans are solar powered.	Create art that represents natural and constructed environments. Describe what an image represents. The main way that solar energy is captured and stored on Earth is through the complex chemical process known as photosynthesis.	NCAS: Creating #2 K Responding #7 K PSD.3
p.9 Crossword Puzzle	Use precise language and domain-specific vocabulary to inform about or explain the topic.	Common Core ELA: WHST 2 (6-8)