

SCIENCE AGENDA April 1 - 5th

Content Standard: MS-PS2-3 Ask questions about data to determine the factors that affect the strength of electric and magnetic forces.

MS-PS3-1 Construct and interpret graphical displays of data to describe the relationships of kinetic energy to mass of an object and to the speed of an object.

MS-PS3-2 Develop a model to describe that when the arrangement of objects interacting at a distance changes, different amounts of potential energy are stored in the system.

MS-PS3-5 Construct, use and present arguments to support the claim that when the kinetic energy of an object changes, energy is transferred to or from the object.

DATE	FOCUS QUESTION	IN CLASS WORK (Performance Task)	SUCCESS CRITERIA
Monday April 1st	FOCUS QUESTION What does it mean to “Go Off the Grid?”	<u>Unit 7.1 Generating Electricity</u> <ul style="list-style-type: none"> • Students will clean out their science binders. • Students will watch a short video about “Going Off the Grid.” • Students will write down their morning routine in their science binder. • Students will share and highlight information on partners paper. 	HW: None Students will be able to be able to explain what it means to go “Off the Grid”.
Tuesday April 2nd	FOCUS QUESTION How is electricity generated? Fire Drill 10:30 a.m. (3rd Hour)	<ul style="list-style-type: none"> • Students will define electricity and discuss where it comes from. • Students will fill in an Energy Graphic Organizer. • Students will be introduced to the unit challenge • Students will write down questions they have about electricity and going of the grid? (Bubble Map) 	HW: None Students will be able to be able to explain what the unit challenge question is.
Wednesday April 3rd	FOCUS QUESTION How can electricity be generated?	<ul style="list-style-type: none"> • Students will watch a short energy video. • Students will explore different energy sources and report the pros and cons of each type. 	HW: None Students will be able to explain how electricity is produced in the U.S.
Thursday April 4th	FOCUS QUESTION What is the most effective way of generating electricity?	<ul style="list-style-type: none"> • Students will fill in the Unit Summary Table sections A and B. • The class will revise their Bubble Map. 	HW: None Students will be able to name at least one energy source and give the pros and cons for it.
Friday April 5th	FOCUS QUESTION What energy method will you use when “Going Off the Grid?”	<ul style="list-style-type: none"> • Students will watch a short video clip on The Energy Revolution • Student will complete an Exit Ticket. 	HW: None Students will be able to explain their ideas of producing electricity on their new land.