Science Keys

Lesson Assessme Reviewing Main Ideas: True or False Write T (True) or F (False) on the line before each sentence. T 1. All objects are made up of tiny bits of material that have electric charges. F 2. Most objects have positive charges. F 3. When two objects have the same charge, they attract each other. 4. An electric charge may be either positive or negative. T 5. An electric current is a flow of negative charges. F 6. An electric circuit must have an opening for the electricity to enter through. A conductor is a substance that electric current easily passes through. F 8. A light bulb gives off light because the wire inside it is an insulator. T 9. Batteries and generators provide electric power. Applying Strategies: Cause and Effect Use complete sentences to answer question 10. You rub two balloons on your sleeve. When you hold each balloon by a string, they move away from each other. Explain why this happens. Both balloons have negative charges. Objects with like charges repel (push away from) each other.

Lesson 1 Assessment Teacher's Assessment Package

n object that pulls iron and steel toward it e force around a magnet e area around a magnet where magnetic rces can be felt	b. magnetismc. lodestone
e area around a magnet where magnetic	
	 d. northern lights
at part of a magnet where magnetic rces are strongest	e. magnetic field f. attract
push away	g. magnet
	h. compass
ghts in the sky caused by the earth's	i. parallel circuitsj. poles
pull toward	
why a compass can be used to find direct	
When the compass needle is allowed	
toward Earth's magnetic poles.	
	push away magnetic rock small magnet that can turn freely phts in the sky caused by the earth's agnetic field pull toward Strategies: Cause and Effect ate sentences to answer question 10. why a compass can be used to find dire arth is like a giant magnet, with a no etic pole. A compass is a small magnet When the compass needle is allowed.

Lesson 3 Assessment Teacher's Assessment Package p. 83

Vrite T I 1 I 2 F 3 I 4 I 5	wing Main Ideas: True or False (True) or F (False) on the line before each sentence. 1. Electric current flows only through a closed circuit. 2. When you turn on a light or other electric appliance, you close a circuit. 3. In a series circuit, each light or appliance has its own path for electricity. 4. Most circuits in your home and school are parallel circuits.
T 2 F 3 T 4 T 5	 When you turn on a light or other electric appliance, you close a circuit. In a series circuit, each light or appliance has its own path for electricity.
F 3	circuit. 3. In a series circuit, each light or appliance has its own path for electricity.
I 4	electricity.
T_ 5	Most circuits in your home and school are parallel circuits.
r .	5. Electricity can kill or seriously injure you.
F 6	It is safe to use electricity around water, because water is an insulator.
E 7	 A frayed electrical cord cannot start a fire.
T 8	You should always unplug a hair dryer or iron when it is not in use
F 9	 A safety power strip is used to increase the amount of electricity flowing into your computer.
	ing Strategies: Cause and Effect
	nplete sentences to answer question 10.
10. Exp	lain two ways that the unsafe use of electricity can cause harm.
Plu	gging too many appliances into one outlet can cause it to
ove	erheat, causing a fire. Using electricity in or near water
car	cause a shock.
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Lesson 2 Assessment Teacher's Assessment Package p. 82

641	ewing Main Ideas: True or False
/rite	F (True) or F (False) on the line before each sentence. 1. Electric current can be generated with magnets.
F	The magnets inside electric generators are usually stressed by hand. The he turned by hand. The magnets inside electric generators are usually stressed by hand.
T_F	3. Magnetism and electricity are closely linked. 4. An electromagnet is created when electric current flows through a compass needle.
F	5. Hans Christian Oersted discovered electricity.
т	stronger than one made with a wife along. 7. Electromagnets can be turned off by opening an electric circuit.
T F	8. Telephones use electromagnets. 9. Electric current causes a coiled wire to become an electric bell.
	lying Strategies: Cause and Effect
	t-good to answer fullestion to.
10.	Explain how Hans Christian Oersted realized that electrony
	Corsted noticed that when electric current flowed through a
	wire, a compass needle pointed toward the wire. This made
	him realize that electricity and magnetism are related.
	him realize that electrisity and may