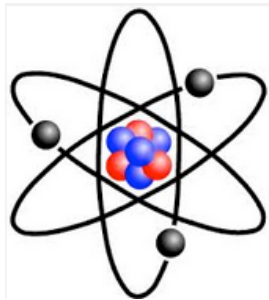


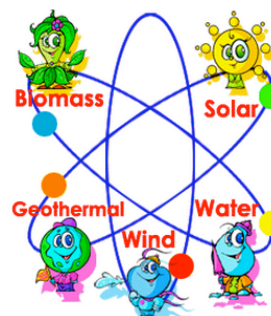
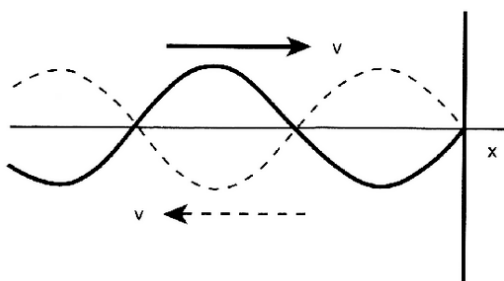
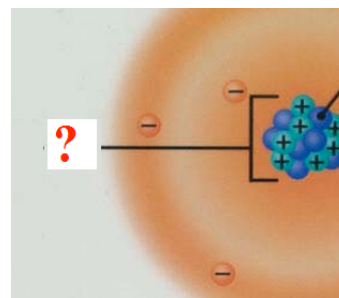
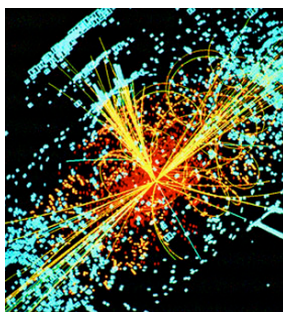
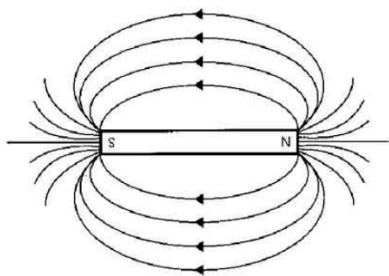
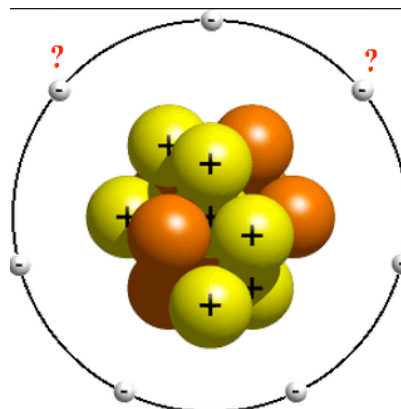
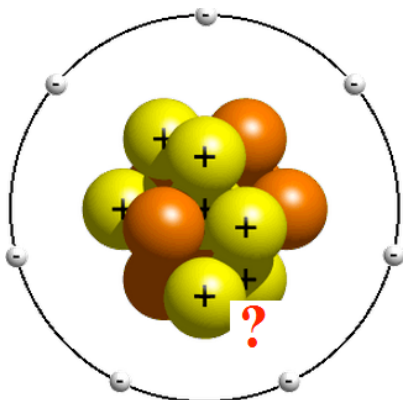
Picture Match Words

Atom	Element
Protons	Electrons
Magnetic Field	Space
Particles	Nucleus
Waves	Energy

Picture Match Board



5 10.811 B BORON	6 ∞ Dt DATA	7 14.007 N NITROGEN
13 26.982 Al ALUMINIUM	14 28.086 Si SILICON	15 30.974 P PHOSPHORUS



Spelling Pyramid

Element E El Ele Elem Eleme Elemen Element	Wave
Magnetic Field	Nucleus (nuclei)
Proton	Electron
Energy	Space

Write 2 sentences using the words from the spelling pyramid:

1. _____

2. _____

Card game

<p>Atom: the smallest particle that can exist by itself or in combination with other atoms</p>	<p>Particle: a very small piece of something</p>
<p>Energy: the ability of something to do work (examples of forms of energy: light, heat, kinetic, potential, sound, electricity)</p>	<p>Space: the three dimensional area or volume between planets, stars, and galaxies in our Universe</p>
<p>Magnetic Field: a field produced by a magnet, magnetism and electricity are related</p>	<p>Element: one of the basic substances that are made of atoms of only one kind</p>
<p>Protons: positively charged subatomic particles found in the nucleus of an atom</p>	<p>Electrons: negatively charged subatomic particles that orbit the nucleus of atoms</p>
<p>Nucleus (nuclei): the center of an atom, where protons and neutrons are found</p>	<p>Wave: an amount of energy (such as light) traveling through space-time in an up and down shape (resembling a wave)</p>

Jeopardy

- a. Round 1: “Jeopardy” (Materials: the Wednesday set for the host)
 - i. The class splits into two teams + 1 person is the game host
 - ii. 1 person from each team stands approaches the host’s table.
 - iii. The host reads a word, the first person who “pushes a button” gets to provide the word definition. The correct definition gets the team a point.
 - iv. The game continues until all words have been used.
- b. Round 2: Each team gets a set of 4 key vocab words and blank sentence strip. The teams are asked to develop sentences using the key words. Each scientifically (1pt) + grammatically correct (1pt) sentence gets the team 2 points.

Friday

- c. Quiz
- d. Grade own understanding (using the Vocab Journal on a scale of 1-4)

Answer Key

#	Sentence	Letter	Correct
1.	A water molecule contains two hydrogen and one oxygen <u>atoms</u> .	D	
2.	An amount of energy (such as light) that moves in a shape resembling a wave from one point to another point is called a <u>wave</u> .	C	
3.	A very small particle of matter that has a negative charge of electricity and that travels around the nucleus of an atom is called an <u>electron</u> .	B	
4.	United States has launched (= sent) its first satellite into <u>space</u> in 1958.	E	
5.	<u>Magnetic fields</u> are produced by electric currents such as macroscopic currents in wires; their sources are essentially dipolar in nature, having a north and south magnetic pole.	A	
6.	A very small particle of matter that is part of the nucleus of an atom and that has a positive electrical charge is called a <u>proton</u> .	D	
7.	Atoms consist of <u>nuclei</u> made of protons and neutrons, and electrons around them.	B	
8.	Water is composed of the <u>elements</u> hydrogen and oxygen.	A	
9.	Very small parts of matter (such as atoms) are called <u>particles</u> .	E	
10.	Light, heat, kinetic, potential, sound, electricity are all examples of <u>energy</u> .	C	

Name _____ Date _____

Using the Word Bank, choose the best word (or phrase) that matches each sentence. Write the word on the line and put the corresponding letter in the space provided.

Part A

A. Magnetic fields	D. atoms
B. electron	E. space
C. wave	

#	Sentence	Letter	Correct
1.	A water molecule contains two hydrogen and one oxygen _____.		
2.	An amount of energy (such as light) that moves in a shape resembling a wave from one point to another point is called a _____.		
3.	A very small particle of matter that has a negative charge of electricity and that travels around the nucleus of an atom is called an _____.		
4.	United States has launched (= sent) its first satellite into _____ in 1958.		
5.	_____ are produced by electric currents such as macroscopic currents in wires; their sources are essentially dipolar in nature, having a north and south magnetic pole.		

Part B

A. elements	D. proton
B. nuclei	E. particles
C. energy	

#	Sentence	Letter	Correct
6.	A very small particle of matter that is part of the nucleus of an atom and that has a positive electrical charge is called a _____.		
7.	Atoms consist of _____ made of protons and neutrons, and electrons around them.		
8.	Water is composed of the _____ hydrogen and oxygen.		
9.	Very small parts of matter (such as atoms) are called _____.		
10.	Light, heat, kinetic, potential, sound, electricity are all examples of _____.		
Total correct			___/10

Bubble Answer Sheet



Part A

- | | | | | |
|----|--|--|--|--|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |

Part B

- | | | | | |
|----|--|--|--|--|
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |