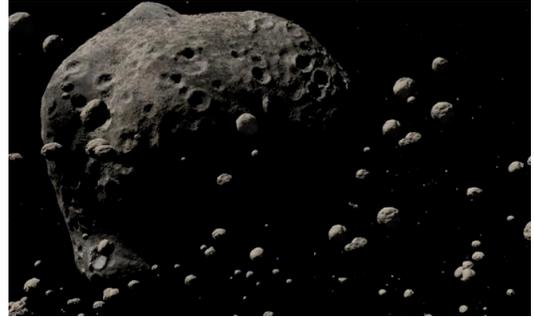
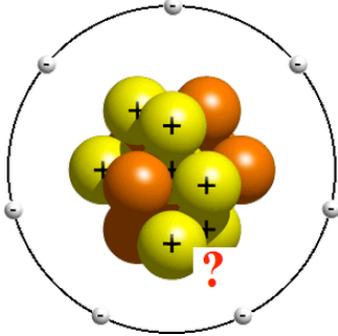
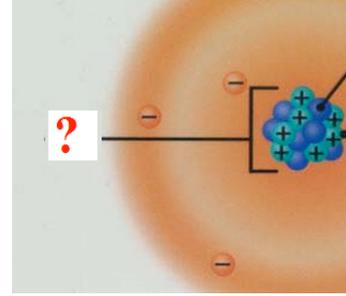
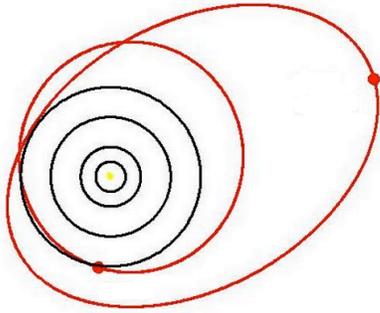


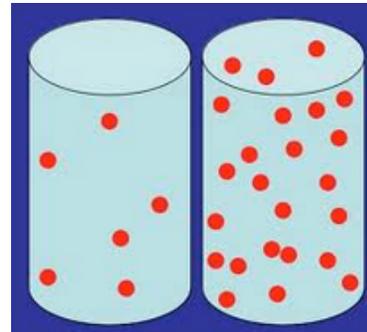
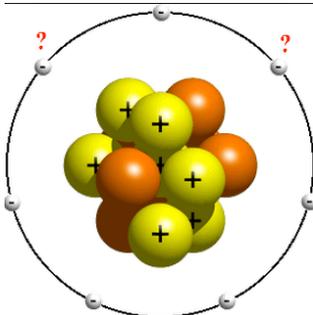
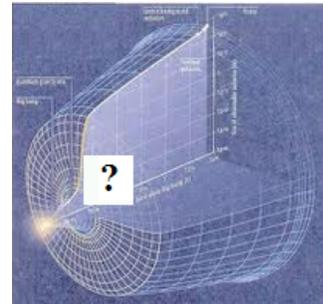
Picture Match Words

Orbit	Nucleus
Protons	Debris
Transport	Element
Fusion	Cosmic Inflation
Electrons	Density

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

Orbit O Or Orb Orbi Orbit	Density
Transport	Nucleus (nuclei)
Debris	Fusion
Cosmic	Inflation

Write 2 sentences using the words from the spelling pyramid:

1. _____

2. _____

Card game

<p>Density: the amount of matter in something in relationship to its weight and size (= mass/volume)</p>	<p>Fusion: a process in which the nuclei of atoms are joined</p>
<p>Cosmic Inflation: a very fast expansion of the early universe in volume</p>	<p>Transport: to carry (someone or something) from one place to another</p>
<p>Debris: the pieces that are left after something has been destroyed</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>Orbit: to travel around (something, such as a planet or moon) in a curved path (to make an orbit around something)</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.	Atoms consist of <u>nuclei</u> made of protons and neutrons, and electrons around them.	D	
2.	Stars, meteors, asteroids, comets, and planets are examples of vehicles that <u>transport</u> elements in space.	B	
3.	The Earth <u>orbits</u> around the Sun.	E	
4.	Much of the <u>debris</u> from past collisions (objects hitting the Earth) remain in orbit around the Earth.	A	
5.	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> .	C	
6.	Following the <u>cosmic inflation</u> period, the universe continued to expand, but at a slower rate.	B	
7.	Water is composed of the <u>elements</u> hydrogen and oxygen.	E	
8.	As humans become older and older, their bones gradually loose <u>density</u> (= bones become less solid and less heavy)	D	
9.	The <u>fusion</u> process inside of stars is able to create all of the elements up to Iron.	C	
10.	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> .	A	

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. debris	D. nuclei
B. transport	E. orbits
C. proton	

#	Sentence	Letter	Correct
1.	Atoms consist of _____ made of protons and neutrons, and electrons around them.		
2.	Stars, meteors, asteroids, comets, and planets are examples of vehicles that _____ elements in space.		
3.	The Earth _____ around the Sun.		
4.	Much of the _____ from past collisions (objects hitting the Earth) remain in orbit around the Earth.		
5.	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 _____.		

Part B

A. electron	D. density
B. cosmic inflation	E. elements
C. fusion	

#	Sentence	Letter	Correct
6.	Following the _____ period, the universe continued to expand, but at a slower rate.		
7.	Water is composed of the _____ hydrogen and oxygen.		
8.	As humans become older and older, their bones gradually loose _____ (= bones become less solid and less heavy).		
9.	The _____ process inside of stars is able to create all of the elements up to Iron.		
10	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 _____.		
Total correct			____/10

Bubble Answer Sheet



Part A

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

Part B

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