

Extra Credit Trimester 3

Due: April 28 th

- The extra credit must be returned on Wednesday, April 28th
- Follow all the directions for the activity that you choose
- Maximum points 10 – you may do any combination to get 10 points

Physics Options:

Activity one: Balloon Racers !!! (10 points)

- See the attached paper for the directions
- You must bring in the report and the car on April 28th

Activity Two: Physics Vocabulary Booklet (each section worth 1 point- max. 10 points)

- Make a booklet with all the physics terms from Chapter 9 & 10.
- Include definitions, pictures, and how this applies to everyday life.
- If the term has a math equation or involves math... you must do a math problem to explain the term. (don't forget to include units)
- This should look better than your vocabulary that is assigned for class work.
- Label each page with the chapter and section.

Chemistry Options:

Activity one: Make an atom (10 points)

- Choose at least one atom from elements atomic number 1- 18
- Make a 3-d model of the atom (max. size 1ft.x 1 ft)
- On a separate piece of paper draw the box from the periodic table, label the protons, electrons, neutrons. And draw your atom with the number of shells and label the p,e,n
- On a separate piece of paper answer the following questions:
 1. What is your elements name, who named it, how was it discovered, what are its uses.
 2. Identify the class of elements, group and period your element is in – explain each of these terms in relation to your element. (ex. Lithium is in the class of elements called metals. Metal characteristics are.... Lithium is in group 1, the alkine metals. Their characteristics are.... Lithium is in period 2. Since it is in period 2 it has ___ shells. That means there are ___ electrons on the 1st shell, ___ electrons on the 2nd shell. There are ___ valence electrons. This means that it bonds by)

Activity two: Chemistry Vocabulary Booklet (each section is worth 1 point- max. 10points)

- Make a booklet with the chemistry terms from Chapter 2-8
- Include definitions, pictures, and a detailed explanation in your own words.
- Many of the terms in chemistry are based on a concept... so you must explain the concept related to the term. (include pictures to help explain the concept.
- This should look better than your vocabulary that is assigned for class work.
- Label each page with the chapter and section.

Free Bee Options

Activity one: Brainpops (each brainpop is worth .5 points – max. 10 points)

- you may go on brainpop.com watch one of the videos related to Chemistry, Physics or Astronomy.
- For each video you watch you must take down 7-10 facts (not just a term/word)
- If you need to watch the video more than once.
- Log in: cfisstudent password: falcon
- Remember is closed at 3:00

Activity two: Make a test (each test is worth 5 points – max. 2 texts for 10 points)

- Make a 35 question test from chapter 2 - 10
- The test must have 35 questions
- 10 fill in the blanks, 15 multiple choice (make them good) 5 short answer essay 5 dditional answers
- You must turn in the test and an answer sheet.