***Lesson Plans for the Week of: 4/17/17 Teacher: Hough Course: Physical Science Period: 1,2,7/8***

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| Elements of  a Lesson | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Objective/  Focus/  Essential  Question | No School | No School | PS.8,9;1,10  Benchmark review | PS.2,4,7  Review for benchmark  Elements compounds mixtures  Solids liquids gases | PS.1,3,4,5,6,8-11  Periodic table: metals, nonmetals, metalloids  Balance chemical reactions  pH |
| Lesson/Act.  Type of Presentation |  |  | Bellwork: Units  Return quiz  Benchmark review: force and motion; motion graphs, Newton’s Laws; energy conversion;  Ind and dep var  Hand out list of equations | Benchmark review: states of matter; thermal energy; categories of matter; chem and phys properties  2 scavenger hunts: 1 for chem/phys properties; 1 for properties of mixtures, elements, compounds  Differentiation: 2nd period go over the difference between fusion and fission | Bellwork: Benchmark Review:  periodic table and scientists  chemical equations, pH  Small Group Activity:  atom models using either templates/colored pencils or templates/marshmallows  Differentiation:   1. 2nd period will make models using the name of the isotope –will need to calculate the # neutrons (students in other classes are given the element name and # neutrons) 2. Color blind student in 7/8 period used marshmallows, chocolate chex and plain chex instead of 3 colors of marshmallows lik other students |
| Evaluation | Student worksheet | exit pass |  |  |  |
| Extension/  Homework |  | Study Guide |  |  |  |
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MATERIALS:

Monday:

Tuesday:

Wednesday:

Thursday:

Friday: atom templates, marshmallows, element names with # neutrons

Mythbusters resonance YouTubes:

<http://www.youtube.com/watch?v=O9FrMkhQoA4> <http://www.youtube.com/watch?v=nHSGd2X1nc8> http://www.youtube.com/watch?v=oXV45t6wlWU