***Lesson Plans for the Week of: 3/20/17 Teacher: Hough Course: Chemistry Period: 1,3,7/8***

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| Elements ofa Lesson | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Objective/Focus/Essential Question | CH.2a,c,d,iModern Model of the atom (define valence electron)Understand the following topics about the periodic table:--Mendeleev developed it and arranged it in order of atomic mass--atomic number provides the number of protons and electrons --elements in the same group have the same number of valence electrons and similar chemical properties | CH.2a,c,d,i; 4a,bReview for Test | CH.2a,c,d,i; 4a,bTest | CH.5bUnderstand and apply Dalton’s Law of Partial Pressures | No school |
| Lesson/Act.Type of Presentation | Bellwork: Limiting reactant, theoretical yield problem; add %yieldWhole group:Explain features of the Modern Model of the atom, esp the electron cloud; the definition of valence electron; the subatomic particles in the atom and their charges, relative sizes, and locations within the atom | Review for test: meaning of coefficients, stoichiometry (mol-mol, g↔mol, limiting rx; % yield; last 3 scientists; modern model of atomSpiral old material from previous test | Test | Whole Group:Review pressure: concept, unitsExplain the principle of Dalton’s Law of Partial Pressures—works only for mixtures of gases in an enclosed containerDefine Dalton’s Law of Partial Pressures, give equationThere are 2 types of questions which utilize this principle: model one of eachIndividual:Student Practice  |  |
| Evaluation |  |  |  | Student work in class and on homework problems |  |
| Extension/Homework |  |  |  | Practice word problems utilizing this principle: worksheet |  |

MATERIALS:

Monday: Review guide for test

Tuesday:

Wed.: test; after-test material

Thursday: Dalton’s Law worksheet

Friday: