***Lesson Plans for the Week of: 2/20/17 Teacher: Hough Course: Chemistry Period: 9***

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| Elements of  a Lesson | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Objective/  Focus/  Essential  Question | CH.3b  Balance chemical reactions, given a reaction in word format | CH.5b,d,e,f  Band trip  --Intermolecular forces: types, what causes them, and compare strengths | Band trip  Video about Percy Julian for Black History month | No school | No school |
| Lesson/Act.  Type of Presentation | Whole group:  Model how to convert word description of a reaction to a chemical equation, and then balance it; note diatomic substances and remind students that “burning” means that something is reacting with oxygen; do 2 problems  Individual:  Students practice remaining problems on worksheet  Whole group:  Go over work | Whole group:  Describe the types of intermolecular forces, what causes them, and compare their strengths  Ask: How do these affect boiling point?  Differentiation: band students have a reading assignment for the same topic  If time permits: video about Percy Julian for Black History month |  |  |  |
| Evaluation | Student work and exit pass |  |  |  |  |
| Extension/  Homework |  |  |  |  |  |

MATERIALS:

Monday: Modeling ws 1, side 2; exit pass

Tuesday: NOVA video on YouTube video about Percy Julian: “Forgotten Genius”

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Thursday:

Friday: