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

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| Elements ofa Lesson | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| Objective/Focus/Essential Question | CH.3bBalance chemical reactions, given a reaction in word format | CH.5b,d,e,fBand trip--Intermolecular forces: types, what causes them, and compare strengths | Band tripVideo 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 problemsIndividual:Students practice remaining problems on worksheetWhole group:Go over work | Whole group:Describe the types of intermolecular forces, what causes them, and compare their strengthsAsk: How do these affect boiling point?Differentiation: band students have a reading assignment for the same topicIf 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: