**Summer Stretch 2017**

**2nd Weekly Progress Report**

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| Student Name: | Kallin Zhang | Date: | 12 July, 2017 |

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| Instructors: | Mark Morrow & Jeannine Sieler | Class: | Chemistry |

Completed Labs:

* “Thickness of Aluminum Foil” Lab
* “Elements, Compounds, Solutions, & Mixtures” Lab
* “Accuracy & Precision” Lab
* “Black Box” Lab

**Discussed Topics:**

* Measurement (Units, Uncertainty, Accuracy, Precision, Random & Systematic Error)
* Dimensional Analysis
* Significant Figures
* Structure of the Atom (Sub-Atomic Particles, Nucleus, Electron Energy Levels)
* Classification of Matter (E,C,S,M)
* Periodic Trends
* Electron Configurations
* Chemical Formulas & Naming
* Bonding & Molecular Geometry

**Student Progress:**

Kallin’s hard work and attentiveness are reflected clearly in his performance on assessments, homework, and lab work. We want to encourage Kallin to continue working hard both at home and in class to strengthen his understanding in this course.

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| **Criteria** | **RARELY** | **SOMETIMES** | **OFTEN** |
| Participates in class discussion |  |  |  |
| Completes assignments |  |  |  |
| Collaborates well with group members |  |  |  |
| Comprehends concepts and big ideas |  |  |  |

In Kallin’s self-evaluation, he expressed that his felt great improvement in the area of content knowledge; Kallin’s academic curiosity has enabled him to develop a deep understanding of this week’s chemistry topics. <spnc> came to class with his homework complete, and a positive attitude. Reflecting his hard work and pursuit of new ideas, he is rapidly expanding his comprehension of fundamental chemistry theories..

*We’ve been asked “What’s the appropriate amount of homework for the Summer Stretch Chemistry course?”. This is difficult to answer, as students have different goals & desired outcomes related to this class. In general, students need to do as much work as it takes; when students feel they know the material well enough, and are comfortable with the grades they’re earning, these are indications that their preparation is adequate. Homework should take 2-3 focused hours total, split up evenly between the class days if possible.*

**Instructors:**

Jeannine M. Sieler & Mark B. Morrow

Ethan Wong & Sarah Fan & Jacob Lessing & Abby Li

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