**Algebra 3-Pink NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Sellers (**[**nsellers@iwacademy.org**](mailto:nsellers@iwacademy.org)**)**

**Link to Algebra 3 website:** [**http://iwasellers.weebly.com**](http://iwasellers.weebly.com)

**LAP 1: Chapter 1**

Materials needed:

-Textbook: access to *Blitzer: Intermediate Algebra for College Students*

-Notebook/binder for in-class notes

-Loose leaf for homework

-TI 84 graphing calculator

**Essential Questions:**

**How can algebraic word problems and formulas be used to solved using linear equations?**

**How can learning properties of exponents be used to solve algebraic problems?**

**How can scientific notation be used to solve problems?**

**Rationale:** This LAP will cover the basics covered in previous Algebra classes, including algebraic expressions, basic multi-step equations

**Objectives:** Upon completion of this LAP, students will be able

* Solve algebraic word problems using linear equations
* Solve a formula for a variable
* Use properties of integral exponents to simplify expressions
* Perform computations with scientific notation
* Use scientific notation to solve problems

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| **SUMMER MATH PACKET DUE: Monday, 8/19 C-Day** |
| **SUMMER MATH SUMMATIVE ASSESSMENT:Monday, 8/20 C-Day - Friday, 8/24 G-Day** |

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| CLASS MEETINGS | | |
| **TH**  **A 8/15**  **Mass** | *Lesson Details: Introductions, Syllabus/Procedures, Google Classroom*   * Assigned Homework: Read the syllabus * Complete Student Information Sheet on Google Classroom (on a Google Form) | **1** |
| **FRI**  **B 8/16** | *Lesson Details: Zombie Review game*  Assigned Homework: NONE! | **2** |
| **TUES**  **D 8/20** | *Lesson Details: 1.5 Problem Solving and Using Formulas*  Assigned Homework: 1.5 Homework worksheet | **3** |
| **WED**  **E 8/21**  **Late start** | **DUE AT THE BEGINNING OF CLASS:**   * **1.5 Homework** * **Read Syllabus and parent/guardian’s signature** * **Complete Student Information on Google Classroom**   *Lesson Details: 1.6 Properties of Integral Exponents*  Assigned Homework: 1.6 Homework worksheet | **4** |
| **FRI**  **G 8/23** | **DUE AT THE BEGINNING OF CLASS:**  **1.6 Homework**  *Lessons Details: 1.7 Scientific Notation*  Assigned Homework: 1.7 Homework worksheet | **5** |
| **MON**  **H 8/26** | **DUE AT THE BEGINNING OF CLASS:**  **1.7 Homework**  *Lessons Details: Quiz 1.5-1.7*  Assigned Homework: NONE | **6** |