**Ms. Maka’s Lesson Plans**

**Week of: December 5th, 2016 Skill/Focus: Pre-Algebra: Square and Cube Roots, Perfect Squares and Cubes; Course 2: Proportional Relationships; Both: Hour of Code, November Journals Collected this week**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Day** | **Objective/Standard** | **Activities**  | **Quick Assessment** | **Differentiation/Modifications** |
| M | Pre-Algebra: SWBAT find the square roots of perfect squares. SWBAT use perfect square to approximate non-perfect square roots.8.EE.2, 8.NS.2Course 2: SWBAT review ratios and proportions. | **Focus, GN, Practice****Homework: WS****Focus, Salsa Review****Homework: Finish**  | Walk around room during practiceReview Game | Approximations only to the whole number ($\sqrt{51}\~7, since \sqrt{51} is close to \sqrt{49} which is 7) $ |
| T | SWBAT participate in the national Hour of Code. | **Focus, Introduce Hour of Code with quick survey, videos, handout, statistics, and example tutorial, Go to lab** **Homework: None** | Walk around lab to monitor students’ progress | Students who have experience with coding can select that option when choosing their tutorial. Students who finish can select additional tutorials to code. |
| W | SWBAT participate in the national Hour of Code. | **Focus, Go to lab to finish hour of code, Pass out certificates as students finish, Exit Slip/Survey****Homework: None** | Walk around lab to monitor students’ progress | Students who have experience with coding can select that option when choosing their tutorial. Students who finish can select additional tutorials to code. |
| TH | Pre-Algebra: SWBAT find the cube roots of perfect cubes.8.EE.2Course 2: SWBAT review ratios and proportions.  | **Focus, GN, Practice****Homework: WS****Focus, Review Activity (Jeopardy)****Homework: Review packet** | Walk around during practiceUse whiteboards for Jeopardy (each student gets a chance to answer) | Work only with small perfect cubes |
| F | Pre-Algebra: SWBAT review integer exponents and roots. Course 2: SWBAT achieve at least an 80% on Ratios and Proportions Post-Test. | **Focus, Friday Fun Fact, Review Activity (I Have, Who Has…)****Homework: WS****Focus, Friday Fun Fact, Post-Test****Homework: None**  | Review ActivityPost-Test |  |