Mrs. Medlen Alg. Connections Lesson Plans



|               | Monday 8/21  | Tuesday 8/22       | Wednesday 8/23                     | Thursday 8/24                          | Friday 8/25         |
|---------------|--|--------------------|------------------------------------|--|---------------------|
| ACCRS         | Create algebraic models for application problems by developing and solving equations and |                    |                                    |  |                     |
| (Objectives): | inequalities. CCRS#1   |                    |                                    |  |                     |
| Before:       | *Warm-Up   | *Warm-Up           | *Warm-Up Review                    | *Homework                              | *Warm-Up Review     |
|               | Review   | Review             |                                    | Questions                              |                     |
|               |  |                    | *Homework                          |  | *Homework           |
|               | *Quiz  |                    | Review                             | *Quiz                                  | Review              |
|               | Corrections  |                    |                                    |  |                     |
| During:       | *Lesson:   | *Lesson:           | *Stamp Activity                    | *Lesson: Direct                        | *Lesson: Joint      |
|               | Applications of  | Applications of    | (Equations and                     | & Indirect                             | Variation           |
|               | Literal Equations  | Linear             | Formulas)                          | Variation                              |                     |
|               |  | Equations          |                                    |  |                     |
| After:        | *Group   | *Group             | *Quiz Review                       | *Group                                 | *Group              |
|               | Collaboration  | Collaboration      | Problems                           | Collaboration                          | Collaboration Set   |
|               | Set  | Set                |                                    | Set                                    |                     |
|               |  |                    |                                    |  |                     |
|               | *Review  | *HW Set            |                                    | *HW Set                                |                     |
|               | Collaboration  | (Application of    |                                    |  |                     |
|               | Problems   | Linear/Literal     |                                    |  |                     |
| - · ·         |  | Equations)         |                                    |  |                     |
| Desired       | Students will be   | Students will be   | Students will be                   | Students will                          | Students will be    |
| Outcome:      | able to solve  | able to develop    | able to solve                      | be able to                             | able to solve       |
|               | problems   | and solve          | problems dealing                   | solve                                  | equations dealing   |
|               | dealing with   | equations from     | with formulas &                    | equations                              | with direct,        |
|               | equations and  | word problems      | students will be                   | dealing with                           | indirect, and joint |
|               | formulas.  | (real-world        | able to develop<br>their own       | direct and<br>indirect                 | variation.          |
|               |  | problems).         |                                    |  |                     |
|               |  |                    | formulas/equation to solve a real- | variation.                             |                     |
|               |  |                    | world problem.                     |  |                     |
| Formative/    | Student  | Student            | Student                            | Quiz/Student                           | Student             |
| Summative:    | questioning  | questioning        | questioning/stamp                  | questioning                            | questioning         |
| Summative.    | questioning  | questioning        | activity                           | questioning                            | questioning         |
| Critical      | Explain how to   | *Explain a         | No new concepts                    | Explain the difference between direct, |                     |
| Questions:    | ,<br>solve a word  | ,<br>method for    | taught.                            | indirect and joint variation.          |                     |
|               | problem that   | checking to see if |                                    |  |                     |
|               | contains a   | the equation       |                                    |  |                     |
|               | formula. Explain   | you've developed   |                                    |  |                     |
|               | the circumference  | fits your problem. |                                    |  |                     |
|               | formula and area   |                    |                                    |  |                     |
|               | formula for circles.   |                    |                                    |  |                     |