**Mrs. Burke’s Class**

All plans are subject to change.

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|  | **Math Course 3** | **Algebra** |
| Monday, April 16 | **Objective**: I can estimate square roots.**Agenda:*** Practice square roots as a class
* Estimating notes
* Practice: textbook pg. 188 #1-6, 17-22
 | **Objective**: I can solve a quadratic function using the zero product property.**Agenda:*** Finish pg. 2-3
* Notes
* Practice: worksheet
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| Tuesday, April 17 | **Objective:** I can determine if a number is rational vs. irrational.**Agenda:*** Practice Check
* Skit and discussion
* Notes: foldable
* Quiz-quiz-trade
 | **Objective**: I can solve a quadratic function by factoring.**Agenda:*** Practice Check
* Notes
* Practice: pg. 653 #7-17
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| Wednesday, April 18 | **Objective**: I can explain a proof of the Pythagorean Theorem.**Agenda:*** Practice Check
* Make a model with cubes
* Show water video and predict
* Use cubes to prove the Theorem
* Partners: Try to come up with an equation
* Video showing real life Pythagorean Theorem?
* Discussion-vocab (leg, hypotenuse, proof)
 | **Objective**: I can solve a quadratic function by square roots.**Agenda:*** Practice Check
* Notes
* Practice: 659 #17-28
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| Thursday, April 19 | **Objective**: I can explain a proof of the Pythagorean Theorem. I can use the Pythagorean Theorem to find the hypotenuse.**Agenda:*** RE-E-CH
* Pythagorean Theorem story (“What’s your angle, Pythagoras?”)
* Make paper model of Theorem
* Notes-with pictures
 | **Objective**: I can solve a quadratic function by square roots.**Agenda:*** More Practice: white boards
* journal
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| Friday,April 20 | **Objective**: I can use the Pythagorean Theorem to find the hypotenuse.**Agenda:*** Practice Check: Partner Rubric
* notes
* Worksheet practice (pgs. 1 and part of 2)
 | **Objective**: I can solve a quadratic function by completing the square.**Agenda:*** Practice Check
* Notes
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