**Curriculum Coverage in Mathematics for the 2017-2018 School Year as Outlined by TNStandards**

[The Standards for Mathematical Practices](http://tn.gov/assets/entities/education/attachments/std_math_standards_mathematical_practice.pdf)

|  |  |  |  |
| --- | --- | --- | --- |
| **MP1. Make sense of problems and persevere in solving them.** | **MP2. Reason abstractly and quantitatively.** | **MP3. Construct viable arguments and critique the reasoning of others.** | **MP4. Model with mathematics.** |
| **MP5. Use appropriate tools strategically.** | **MP6. Attend to precision.** | **MP7. Look for and make use of structure.** | **MP8. Look for and express regularity in repeated reasoning.** |

[Tennessee Mathematics Standards – Algebra 1](http://www.tn.gov/assets/entities/education/attachments/std_math_algebra_I.pdf)

[Tennessee Mathematics Blueprints – Algebra 1](http://www.tn.gov/assets/entities/education/attachments/tnready_blueprints_math_traditional_grade_9-12.pdf)

\*\*Underlined TNStandards denote “Major Work of the Grade”

|  |  |  |
| --- | --- | --- |
| **TNStandards** | **Learning Outcomes** | **Lessons**  |
| **Radical Expressions** Allow 2 weeks for instruction, review, & assessment(Rollover into Quarter 4 if needed) |
|  | I cansimplify radical expressions. | Simplifying Radical Expressions * Squares and cube roots, with and without variables)
 |
|  | I canmultiply radical expressions. | Multiplying Radical Expressions |
|  | I candivide radical expressions. | Dividing Radical Expressions * Rationalizing the denominator
* Conjugates
 |

Remainder of time should be used for review and to prepare for TNReady.