Instructional Flow – Unit 5 – Power and Radical Functions

7.1 n^{th} **Roots and Rational Exponents**
- evaluating power and radical expressions
- relationship between power and radical expressions
- applications

7.2   **Properties of Rational Exponents**
- properties of exponents and radicals
- simplification of radical expressions
- applications

7.3   **Power Functions** ~~and Function Operations~~
- definition
- applications

7.5   **Graphing Square Root and Cube Root Functions**
- definition
- properties and graphs including transformations
- applications

7.6   **Radical Equations**
- algebraic and graphical solutions
- extraneous roots
- applications