Name: Rex	Grading Quarter: 3	Week Beginning: 1/13/2025
School Year: 24-25	Subject: Algebra 2 H	

	Notes:		Academic Standards:
Monday	Notes:	Objective: Students will be able to compute rational exponents. Lesson Overview: Notes – nth roots and rational exponents, radicand, principal root, index Examples 1-3	Academic Standards: A.SSE.2 Use the structure of an expression to identify ways to rewrite it.
Tuesday	Notes:	Objective: Students will be able to compute rational exponents. Lesson Overview: *This is a continuation of previous day's lesson.* Notes – nth roots and rational exponents, radicand, principal root, index Examples 4-6	Academic Standards: A.SSE.2 Use the structure of an expression to identify ways to rewrite it.
Wednesday	Notes:	Objective: Students will be able to graph radical functions. Lesson Overview: Notes – radical, square root function, cube root function	Academic Standards: A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.
Thursday	Notes:	Objective: Students will be able to graph radical functions. Lesson Overview: *This is a continuation of previous day's lesson.* Desmos exploration: marbleslides with square root and cube root functions.	Academic Standards: A.CED.2 Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.
Friday	Notes:	Objective: Students will be able to practice for the ACT. Lesson Overview: Use previous ACT questions to practice and review content that will appear on the test.	Academic Standards: *All standards*