Any standard highlighted in yellow has been determined by our WCSD teachers, district and state experts as essential for students to master.

Strand 11.F.BF: I can build a function that models a relationship between two quantities. I can develop models for more complex or sophisticated situations (Standards F.BF.1). I can build new functions from existing functions (Standards F.BF.3-4).			
Standard 11.F.BF.1: I can write a function that describes a relationship between two quantities.			
Learning Targets • I can write a function that describes a relationship between two quantities. • I can combine standard functions types using arithmetic operations.	**Academic Vocabulary & Notation** • function, relationship, quantities, standard functions	**Question Stems** • Justify your answer.	**Possible Assessments** • District CFAs
Standard 11.F.BF.3: I can identify the effect on the graph of replacing f(x) by f(x) + k, k f(x), f(kx), and f(x + k) for specific values of k (both positive and negative).			
Learning Targets • I can identify the effect on the graph for various forms of f(x). • I can experiment with cases and illustrate an explanation of the effects on the graph. • I can recognize even and odd functions from their graphs and algebraic expressions of them.	**Academic Vocabulary & Notation** • graph, specific values, positive, negative, transformations, even function, odd function, algebraic expression	**Question stems** • How did you get to your answer? • How did you show it?	**Possible Assessments** • District CFAs

Standard 11.F.BF.4: I can find inverse functions.			
Learning Targets • I can solve an equation of the form f(x) = c for a simple function f that has an inverse. • I can write an expression for the inverse (include linear, quadratic, exponential, logarithmic, rational, square root, and cube roots functions).	**Academic Vocabulary & Notation** • equation, f(x), simple function, inverse, linear, quadratic, exponential, logarithmic, rational, square root function, cube root function	**Question stems** • The most important thing I learned about this concept is _____.	**Possible Assessments** • District CFAs