

C2.0 Mathematics 8 Course Outline

Functional Relationships

Topic	Instructional Foci
Topic 1: Functions	<p>This topic focuses on developing an understanding of functions as a relationship between two variables. Students will define, model, and evaluate functions. They interpret and compare functions given graphically, numerically, symbolically, and verbally. When functions describe relationships between quantities arising from a context, students reason with the units in which those quantities are measured.</p> <p><u>Concepts:</u></p> <ul style="list-style-type: none"> Define functions as a rule that assigns to each input exactly one output Describe functional relationships between two quantities. Determine key features of linear functions. Compare and contrast linear and non-linear functions Construct a function to model a linear relationship between two quantities. Compare properties of two functions each represented in a different way.