

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

Strand: I recognize, and can explain, relationships between quantities.			
Standard 9.NQ.1: I can reason quantitatively and use units to solve problems.			
<p>Learning Targets</p> <ul style="list-style-type: none"> I can use units as a way to understand problems and to guide the solution of multi-step problems. I can choose and interpret units consistently in formulas. I can choose and interpret the scale and the origin in graphs and data displays. 	<p>Academic Vocabulary & Notation</p> <ul style="list-style-type: none"> scale, units of measurement, quantitatively, formulas 	<p>Question Stems</p> <ul style="list-style-type: none"> What mathematics were you investigating? How have you shown your thinking? How have you used math words to describe your thinking? 	<p>Possible Assessments</p> <ul style="list-style-type: none"> <u>District CFAs</u>
Standard 9.NQ.2: I can define appropriate quantities for the purpose of descriptive modeling.			
<p>Learning Targets</p> <ul style="list-style-type: none"> I will choose appropriate measures and units for problem situations. I create a relationship among different units (i.e., feet per second, bacteria per hour, miles per gallon) 	<p>Academic Vocabulary & Notation</p> <ul style="list-style-type: none"> unit rates, modeling, quantity, unit conversion, proportion, ratio 	<p>Question Stems</p> <ul style="list-style-type: none"> What questions arose as you worked? What changes did you make to solve the problems? What does this make you think of? 	<p>Possible Assessments</p> <ul style="list-style-type: none"> <u>District CFAs</u>

Strand: I recognize, and can explain, relationships between quantities.

Standard 9.NQ.3: I can choose a level of accuracy appropriate to limitations on measurement when reporting quantities.

Learning Targets	Academic Vocabulary & Notation	Question Stems	Possible Assessments
<ul style="list-style-type: none"> • I can determine whether whole numbers, fractions, or decimals are most appropriate. • I can determine the appropriate power of ten to reasonably measure a quantity. • I can determine the resulting accuracy in calculations. • I can determine what level of rounding should be used in a problem situation. 	<ul style="list-style-type: none"> • precision, accuracy 	<ul style="list-style-type: none"> • I did something like this before when..... • A question I had was..... • How did you solve the problem? 	<ul style="list-style-type: none"> • <u>District CFAs</u>