

Chapter Three Unit Plan - Sixth Grade Math

Shane Carnley

Chapter Objectives	<p style="text-align: center;">Students will be able to:</p> <ul style="list-style-type: none"> • Use variable to describe general patterns. • Use a spreadsheet • Write algebraic expressions to represent situations. • Evaluate algebraic expressions and formulas 	<ul style="list-style-type: none"> • Mentally add 1-digit positive and negative numbers. • Represent rates with formulas, tables, and graphs. • Convert between fractions and mixed numbers. • Find the least common multiple of two numbers. • Find the greatest common factor of two numbers.
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Chapter Vocabulary	<p style="text-align: center;">general pattern * variable * special case * algebraic expression * evaluate an expression * formula * evaluate a formula * substitute * multiple * least common multiple * rate * speed * line graph * factor * greatest common factor * spreadsheet * cell * column * row * horizon * square root * time graph</p>
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Day	Section	Topic	Vocabulary	Homework and/or Assessment
11/13/07 11/14/07	3.1	Using Variable to Describe Number Patterns	general pattern * variable * special case	Study Link 3.1
11/15/07 11/16/07	3.2	General Patterns (Two Variables)		Study Link 3.2
11/19/07 11/20/07	3.3	Algebraic Expressions	algebraic expression * evaluate an expression	Study Link 3.3
Day	Section	Topic	Vocabulary	Homework and/or Assessment
11/26/07 11/27/07	3.4	Formulas	formula * evaluate a formula * substitute	Study Link 3.4

11/29/05 11/30/05	3.5	Formulas, Tables, and Graphs	multiple * least common multiple * rate * speed * line graph	Study Link 3.5
12/3/07	Quiz 3.1 to 3.5	See Above	All Above	N/A
12/04/07 12/05/07	3.7	Variables and Formulas in Spreadsheets	factor * greatest common factor * spreadsheet * cell * column * row	Study Link 3.7
12/06/07 12/07/07	3.8/3.9	Spreadsheets & Reading and Drawing Graphs	horizon * square root * time graph	Study Link 3.8/3.9
12/10/07	3.10	Formulas, Tables, and Graphs		Study Link 3.10
12/11/07 12/12/07	Teacher Made Lesson	Chapter 3 Test	All vocabulary from chapter 3	Chapter 3 Test

All dates and assignments are subject to change at teacher's discretion