Core Learning Standards for Mathematics Grade 6

	Expressions and Equations (Mondays)
Write and evaluate numerical expressions involving whole-number exponents.	p. 1 #1　p. 4 #1　p. 7 #2　p. 10 #1　p. 16 #2　p. 19 #1　p. 22 #2 p. 25 #2　p. 31 #1　p. 34 #2, 4　p. 46 #1–2　p. 49 #1　p. 52 #4　p. 55 #1 p. 61 #3　p. 64 #2　p. 67 #3　p. 76 #1–2　p. 82 #1　p. 88 #1
Write, read, and evaluate expressions; identify parts of an expression using mathematical terms.	p. 1 #2　p. 10 #2　p. 13 #1–3　p. 16 #3　p. 19 #3　p. 28 #1, 3　p. 31 #2 p. 37 #1　p. 40 #2, 4　p. 43 #1, 4　p. 46 #4　p. 49 #2　p. 52 #1–2 p. 55 #2–3　p. 58 #4–5　p. 61 #4　p. 64 #3–4　p. 67 #4　p. 70 #1–2, 4 p. 76 #4　p. 79 #1, 3　p. 82 #3　p. 85 #4
Apply properties of operations to generate equivalent expressions.	p. 1 #4　p. 16 #1　p. 19 #4　p. 37 #2　p. 43 #2　p. 46 #4　p. 73 #4 p. 82 #2, 4　p. 85 #3
Identify when two expressions are equivalent.	p. 88 #1
Understand solving an equation or inequality as a process; use substitution.	p. 10 #3　p. 16 #4　p. 22 #3　p. 25 #1, 3　p. 64 #1　p. 67 #2　p. 73 #3
Use variables to represent numbers and write expressions when solving a problem.	p. 61 #1　p. 69 Brain Stretch　p. 70 #3　p. 73 #1　p. 79 #4　p. 85 #1
Solve problems by writing and solving equations of the form $x + p = q$ and $px = q$ for cases in which p, q and x are all nonnegative rational numbers.	p. 13 #4　p. 22 #1　p. 30 Brain Stretch　p. 31 #3　p. 34 #1　p. 40 #1 p. 43 #3　p. 45 Brain Stretch　p. 49 #3　p. 52 #3　p. 58 #2　p. 61 #2 p. 66 Brain Stretch　p. 67 #1　p. 72 Brain Stretch　p. 73 #2 p. 75 Brain Stretch　p. 79 #2　p. 88 #4
Write an inequality of the form $x > c$ or $x < c$ to represent a condition; recognize that such inequalities have many solutions; represent solutions on number lines.	p. 10 #4　p. 22 #4　p. 55 #4　p. 76 #3
Use variables to represent two quantities; write an equation to express one quantity in terms of the other quantity; analyze relationships using graphs and tables.	p. 85 #2　p. 88 #2
	The Number System (Tuesdays)
Interpret and compute quotients of fractions, and solve word problems.	p. 22 #2　p. 25 #4　p. 27 Brain Stretch　p. 55 #2　p. 64 #5　p. 67 #3 p. 70 #4　p. 82 #4
Fluently divide multi-digit numbers using the standard algorithm.	p. 4 #4　p. 34 #3　p. 46 #4
Fluently add, subtract, multiply, and divide multi-digit decimals using the standard algorithms.	p. 10 #2　p. 12 Brain Stretch　p. 16 #4　p. 28 #2　p. 34 #2 p. 36 Brain Stretch　p. 37 #5　p. 42 Brain Stretch　p. 43 #4　p. 46 #2–3 p. 52 #3–4　p. 55 #1　p. 61 #2　p. 63 Brain Stretch　p. 67 #4　p. 70 #1 p. 73 #5　p. 76 #5　p. 79 #4　p. 85 #4
Find the GCF of two whole numbers less than or equal to 100 and the LCM of two whole numbers less than or equal to 12; use the distributive property to express a sum.	p. 16 #1　p. 19 #4　p. 22 #1　p. 25 #3　p. 28 #4　p. 34 #1　p. 43 #2 p. 64 #2　p. 84 Brain Stretch
Understand that positive and negative numbers describe quantities having opposite directions or values; use positive and negative numbers to represent quantities.	p. 19 #5　p. 22 #3　p. 28 #3　p. 67 #2　p. 82 #3
Understand a rational number as a point on the number line; recognize opposite signs of numbers; find and position integers on number lines and coordinate planes.	p. 34 #4　p. 37 #4　p. 40 #1–2　p. 49 #1–2　p. 58 #3　p. 64 #3　p. 79 #2 p. 85 #1　p. 88 #4

Visit www.creativeteaching.com to find out how this book correlates to Common Core and/or State Standards.