



Math Teachers Press, Inc.

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Arizona Mathematics Standards Correlated to *Moving with Math Foundations Grade 4*

	B1	B2	B3	B4
<i>Number Sense, Addition & Subtraction</i>	<i>Multiplication & Division Basic Facts</i>	<i>Multiplication & Division - Problem Solving</i>	<i>Fractions, Decimals, Geometry, Measurement</i>	<i>Student Book Skill Builders (SB)</i>
Student Book	Student Book	Student Book	Student Book	Student Book
Skill Builders (SB)	Skill Builders (SB)	Skill Builders (SB)	Skill Builders (SB)	Skill Builders (SB)

STRAND 1: NUMBER AND OPERATIONS

Concept 1: Number sense

- PO.1** Express whole numbers, fractions, decimals, and percents using and connecting multiple representations.
16
37, 38
SB: 25-15, 25-28
- PO.2** Compose and decompose whole numbers using factors and multiples.
2-10
SB: 30-1 to 30-3,
31-1, 31-2
28
CR. 47-18
- PO.3** Express fractions as fair sharing, parts of a whole, parts of a set, and locations on a real number line.
- PO.4** Compare and order decimals to hundredths.
- PO.5** Use simple ratios to describe problems in context.

	B1 <i>Number Sense, Addition & Subtraction</i> Student Book Skill Builders (SB)	B2 <i>Multiplication & Division Basic Facts</i> Student Book Skill Builders (SB)	B3 <i>Multiplication & Division - Problem Solving</i> Student Book Skill Builders (SB)	B4 <i>Fractions, Decimals, Geometry, Measurement</i> Student Book Skill Builders (SB)
STRAND 3: PATTERNS, ALGEBRA, AND FUNCTIONS				
	Concept 1: Patterns			
PO.1	Recognize, describe, create, extend, and find missing terms in a numerical sequence involving whole numbers using all four basic operations.	10, 11, 14 SB: 3-2		
PO.2	Explain the rule for a given numerical sequence, verify that the rule works, and use the rule to make predictions.	10 SB: 3-2	43 SB: 20-31	
	Concept 2: Functions and Relationships			
	Moved to grade 2			
	Concept 3: Algebraic Representations			
PO.1	Use a symbol to represent an unknown quantity in a simple algebraic expression involving all operations.	38, 52, 53, 65 SB: 15-18, 19-2	69, 77 SB: 24-1	39, 40 SB: 24-3
PO.2	Create and solve one-step equations that can be solved using addition, subtraction, multiplication, and division of whole numbers.	38 SB: 14-2	19 SB: 20-18	40 SB: 24-3
	Concept 4: Analysis of Change			

STRAND 5: STRUCTURE AND LOGIC

Concept 1: Algorithms and Algorithmic Thinking

	B1 <i>Number Sense, Addition & Subtraction</i> Student Book Skill Builders (SB)	B2 <i>Multiplication & Division Basic Facts</i> Student Book Skill Builders (SB)	B3 <i>Multiplication & Division - Problem Solving</i> Student Book Skill Builders (SB)	B4 <i>Fractions, Decimals, Geometry, Measurement</i> Student Book Skill Builders (SB)
PO.7	Analyze and evaluate whether a solution is reasonable, is mathematically correct, and answers the question.	63	72 (T.G.)	24, 34
PO.8	Make and test conjectures based on data (or information) collected from explorations and experiments.	66, 77 SB: 3-1	7, 46	77