

Grade 6 Structure and Pacing

UNIT	WEEK	CONTENT
Addition and Subtraction	Week 1	Basic concepts: <ul style="list-style-type: none">- A number is how many things there are in a set- 10 is a special organizer of our numeral system- Addition and subtraction as inverses- Subtraction- Old knowledge can be applied to new situations- Quiz
	Week 2	Across-10 addition and subtraction facts: <ul style="list-style-type: none">- The meaning of teen-numbers (real names for numbers)- 20 basic number combinations for across-10 addition and subtraction- Quiz
	Week 3	Applying basic facts to computation within 100: <ul style="list-style-type: none">- Adding and subtracting multiples of 10- Applying across-10 addition and subtraction facts to computation within 100- Unit 1 review
Multiplication and Division	Week 4	Multiplication tables with numbers 2 through 5: <ul style="list-style-type: none">- Meaning of multiplication- Multiplication is commutative- Multiplication tables for numbers 2 through 5- Quiz
	Week 5	Multiplication tables with numbers 6 through 9: <ul style="list-style-type: none">- Division as inverse of multiplication- Models of division- Quiz
	Week 6	Applying basic facts to computation within 100: <ul style="list-style-type: none">- Multiplying with 10 and multiples of 10- Applying across-10 addition and subtraction facts to computation within 100- Order of operations (multiplication and division have priority over addition and subtraction)- Unit 2 review
Place Value	Week 7	Concept of place value: <ul style="list-style-type: none">- Concept of place value- Adding and subtracting multi-digit numbers- Quiz
	Week 8	<ul style="list-style-type: none">- Multiplying decimals and multi-digit numbers- Unit 3 Review

UNIT	WEEK	CONTENT
Ready for Algebra	Week 9	Ready for algebra: <ul style="list-style-type: none"> - Letters in a mathematical sentence - Commutative law - Associative law - Negative numbers - Unit 4 review
	Week 10	Geometry: <ul style="list-style-type: none"> - Basic figures of geometry: lines, angles, plane, and solid shapes - Unit of measurement and measurement system - Quiz
Geometry	Week 11	Geometry: <ul style="list-style-type: none"> - Basic figures: quadrilaterals, circles, and solids - Unit 5 review
	Week 12	Zero: <ul style="list-style-type: none"> - Adding and subtracting zero - Multiplying by zero - Division with zero - Zeros and place value for whole numbers and decimals - Quiz
Zero	Week 13	Fractions: <ul style="list-style-type: none"> - Fractions of a number - Fractions, decimals, and percentages - Fractions and division - Improper fractions and mixed numbers - Unit 6 review
Fractions	Week 14	Statistics: <ul style="list-style-type: none"> - Reading and drawing basic data graphs: pictograph, bar graph, line graph, and pie graph - Unit 7 review
Statistics		