Twin Rivers School District
Grade Six Common Core Math Pacing
2017 - 2018

Trimester 2

Pretest (optional) **November 8**
• **Trimester 2 Pretest Exam** Use the information as an additional pacing tool to guide instruction.
Beyond the Basic Facts
• **BTBF is recommended to be done daily.** During trimester 2, students will continue to work on multiplication/division fluency.

Unit 4: Expressions

Instructional Window (16 days): November 9 – December 12
Standard(s)
6.EE.1: Write and evaluate numerical expressions involving whole-number exponents.
6.EE.2: Write, Read, and Evaluate Expressions in which letters stand for numbers a. Write expressions that record operations with numbers and with letters standing for numbers. For example, express the calculation "Subtract y from 5" as 5 – y. b. Identify parts of an expression using mathematical terms (sum, term, product, factor, quotient, coefficient); view one or more parts of an expression as a single entity. For example, describe the expression 2 (8 + 7) as a product of two factors; view (8 + 7) as both a single entity and a sum of two terms. c. Evaluate expressions at specific values of their variables. Include expressions that arise from formulas used in real-world problems. Perform arithmetic operations, including those involving whole-number exponents, in the conventional order when there are no parentheses to specify a particular order (Order of Operations). For example, use the formulas V = s3 and A = 6 s2 to find the volume and surface area of a cube with sides of length s = 1/2.
6.EE.3: Apply the properties of operations to generate equivalent expressions. For example, apply the distributive property to the expression 3 (2 + x) to produce the equivalent expression 6 + 3x; apply the distributive property to the expression 24x + 18y to produce the equivalent expression 6 (4x + 3y); apply properties of operations to y + y + y to produce the equivalent expression 3y.
6.EE.4: Identify when two expressions are equivalent (i.e., when the two expressions name the same number regardless of which value is substituted into them). For example, the expressions y + y + y and 3y are equivalent because they name the same number regardless of which number y stands for.

T.E. pg. #	SJ pg. #	Lesson Topic * = optional lesson **(c)** = combine lessons	Standard	Lesson Focus

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2	1	**Lesson 1(c)** Properties of Operations *(m)*	6.EE.3, 4	C
10	5	**Lesson 2(c)** Apply the Properties of Operations *(m)*	6.EE.3, 4	P
22	13	**Lesson 3** Parts of Expressions *(m)*	6.EE.2b	P
32	19	**Lesson 4*** Algebraic Expressions *(m)*	6.EE.2a	C
40	23	**Lesson 5** Write Expressions *(m)*	6.EE.2a	P
52	31	**Lesson 6*** Write Expressions *(m)*	6.EE.2a	P
64	39	**Lesson 7** Expressions *(m)*	6.EE.2a	MT
68	41	**Lesson 8** Equivalent Expressions *(m)*	6.EE.3, 4	P
80	49	**Lesson 9** Exponents *(m)*	6.EE.1	C
96	55	**Lesson 10** Exponents *(m)*	6.EE.1	P
108	63	**Lesson 11** Evaluate Expressions using the Order of Operations *(m)*	6.EE.1	P
120	71	**Lesson 12*** Evaluate Expressions using the Order of Operations *(m)*	6.EE.1	P
132	79	**Lesson 13** Exponents *(m)*	6.EE.1	MT
136	81	**Lesson 14** Evaluate Expressions with Variables *(m)*	6.EE.2	P
148	89	**Lesson 15** Evaluate Expressions Generated from Word Problems *(m)*	6.EE.2	P
160	97	**Lesson 16*** Order of Operations *(m)*	6.EE.1	MT
***Suggested* Unit 4 Assessment Date – December 13 & 14**				

Unit 5: Expressions, Equations, and Inequalities

Instructional Window (25 days): December 15 – February 7
Standard(s)
6.EE.5: Understand solving an equation or inequality as a process of answering a question: which values from a specified set, if any, make the equation or inequality true? Use substitution to determine whether a given number in a specified set makes an

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equation or inequality true.
6.EE.6: Use variables to represent numbers and write expressions when solving a real-world or mathematical problem; understand that a variable can represent an unknown number, or, depending on the purpose at hand, any number in a specified set.
6.EE.7: Solve real-world and mathematical 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.
6.EE.8: Write an inequality of the form *x > c* or *x < c* to represent a constraint or condition in a real-world or mathematical problem. Recognize that inequalities of the form *x > c* or *x < c* have infinitely many solutions; represent solutions of such inequalities on number line diagrams.

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168	99	**Lesson 1** Represent Expressions and Equations with Models *(m)*	6.EE.6	C
176	103	**Lesson 2** Writing One - and Two – Step Expressions *(m)*	6.EE.6	P
186	109	**Lesson 3*** Identify Multi-Step Expressions that Represent Scenarios *(m)*	6.EE.6	P
198	117	**Lesson 4** Write Equations *(m)*	6.EE.7	P
208	123	**Lesson 5** Generate Equations from Word Problems *(m)*	6.EE.7	P
218	129	**Lesson 6** Solve Expressions and Equations *(m)*	6.EE.6, 7	MT
224	131	**Lesson 7** Solve Equations with Strategies *(m)*	6.EE.5	C
236	137	**Lesson 8** Generate and Solve Addition and Subtraction Equations *(m)*	6.EE.5, 7	P
248	145	**Lesson 9** Generate and Solve Multiplication and Division Equations *(m)*	6.EE.5, 7	P
260	153	**Lesson 10*** Solve Equations *(m)*	6.EE.5, 7	MT
266		**Lesson 11** Identifying Independent and Dependent Variables	6.EE.9	C
276		**Lesson 12** Identifying Independent and Dependent Variables	6.EE.9	P

292		**Lesson 13** Plotting Independent and Dependent Variables on a Coordinate Grid	6.EE.9	C
306		**Lesson 14** Plotting Independent and Dependent Variables on a Coordinate Grid	6.EE.9	P
322	157	**Lesson 15** Equations with Independent and Dependent Variables *(m)*	6.EE.9	C
340	163	**Lesson 16** Equations with Independent and Dependent Variables *(m)*	6.EE.9	P
346	173	**Lesson 17** Solve Equations with Independent and Dependent Variables *(m)*	6.EE.9	MT
354	177	**Lesson 18** Equations and Inequalities *(m)*	6.EE.5	C
364	181	**Lesson 19** Writing Inequalities *(m)*	6.EE.5, 8	P
372	187	**Lesson 20** Model Inequalities *(m)*	6.EE.5, 8	C
384	191	**Lesson 21** Find Solutions in Inequalities *(m)*	6.EE.5, 8	P
390	199	**Lesson 22** Solve Inequalities *(m)*	6.EE.5, 8	MT
400	203	**Lesson 23** Graph Inequalities on a Number Line *(m)*	6.EE.8	C
421	207	**Lesson 24** Graph Inequalities on a Number Line *(m)*	6.EE.8	P
	215	**Lesson 25*** Graph Inequalities *(m)*	6.EE.8	MT
***Suggested OPTIONAL* Unit 5 Assessment Date – February 8 & 9**				

End of Trimester 2 Assessments

***Suggested Review* for Trimester 2 Cumulative Benchmark Date – February 12** ***Suggested* Trimester 2 Cumulative Benchmark Date – February 13 & 14** **Performance Task – February 15 & 20**

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