

**FAYETTE COUNTY PUBLIC SCHOOLS**  
6th Grade Math enVision 2018-2019 Pacing Guide

August 2018					Standards Focus	enVision Topic	Connect to Illustrative Math	Essential Questions & FALs/ CMP3
		15	16	17	Math Practice Standards	<b>Transition to 6<sup>th</sup> grade – Math Practices &amp; Problem Solving</b> (7 days)	<a href="https://im.openupresources.org/6/students/#">https://im.openupresources.org/6/students/#</a>	
20	21	22	23	X				
27	28	29	30	31	6.NS.A 6.NS.B	<b>Topic 1 – Use Positive Rational Numbers</b> (12 lessons, 19 days)	Unit 4 – Dividing Fractions Unit 5 – Arithmetic in Base Ten <a href="https://www.illustrativemathematics.org/6.NS">https://www.illustrativemathematics.org/6.NS</a>	How can you fluently add, subtract, multiply and divide decimals? How can you multiply and divide fractions? <u>Interpreting Multiplication and Division</u> CMP3 – Let’s Be Rational: Fraction Operations CMP3 – Decimal Ops: Computing with Decimals
<b>September</b>								
X	4	5	6	7				
10	11	12	13	14				
17	18	19	20	21				
24	25	26	27	28				
<b>October</b>					6.NS.C	<b>Topic 2 – Integers and Rational Numbers</b> (11 lessons, 18 days)	Unit 7 - Rational Numbers <a href="https://www.illustrativemathematics.org/6.NS">https://www.illustrativemathematics.org/6.NS</a>	What are integers and rational numbers? How are points graphed on a coordinate plane? <u>Adding and Subtracting Directed Numbers</u> CMP3 – Prime Time: Factors & Multiples
1	2	3	X	X				
8	9	10	11	12				
15	16	17	18	19				
22	23	24	25	26				
29	30	31						
<b>November</b>					6.EE.A	<b>Topic 3 – Numeric and Algebraic Expressions</b> (12 lessons, 14 days)	Unit 6 – Expressions and Equations <a href="https://www.illustrativemathematics.org/6.EE">https://www.illustrativemathematics.org/6.EE</a>	What are expressions and how can they be evaluated? <u>Representing the Laws of Arithmetic</u> CMP3 – Variables & Patterns: Introducing Algebra
			1	2				
5	X	7	8	9				
12	13	14	15	16				
19	20	X	X	X				
26	27	28	29	30				
<b>December</b>					6.EE.B 6.EE.C	<b>Topic 4 – Represent and Solve Equations and Inequalities</b> (17 lessons, 25 days)	Unit 6 – Expressions and Equations <a href="https://www.illustrativemathematics.org/6.EE">https://www.illustrativemathematics.org/6.EE</a>	What procedures can be used to write and solve equations and inequalities? <u>Evaluating Statements About Number Operations</u> <u>Evaluating Statements: Consecutive Sums</u> CMP3 – Variables & Patterns: Introducing Algebra
3	4	5	6	7				
10	11	12	13	14				
17	18	19						

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January 2019					Standards Focus	enVision Topic	Connect to Illustrative Math	Essential Questions & FALs
			3	4	6.RP.A	<b>Topic 5 – Understand and Use Ratio and Rate</b> (17 lessons, 20 days)	Unit 2 – <i>Introducing Ratios</i>  <a href="https://www.illustrativemathematics.org/6.RP">https://www.illustrativemathematics.org/6.RP</a>	What are ratio and rates? How can you use ratios and rates to describe quantities and solve problems?  <u>Using Proportional Reasoning</u> CMP3 –Comparing Bits and Pieces: Ratios, Numbers & Equivalence
7	8	9	10	11				
X	15	16	17	18				
21	22	23	24	25				
28	29	30	31					
<b>February</b>					6.RP.A	<b>Topic 6 – Understand and Use Percent</b> (11 lessons, 20 days)	Unit 3 – Unit Rates and Percentages  <a href="https://www.illustrativemathematics.org/6.RP">https://www.illustrativemathematics.org/6.RP</a>	What is the meaning of percent? How can percent be estimated and found?  <u>Translating between Fractions, Decimals and Percents</u> CMP3 –Comparing Bits and Pieces: Ratios, Numbers & Equivalence CMP3 – Decimal Ops: Computing with Decimals and Percents
				1				
4	5	6	7	8				
11	12	13	14	15				
X	19	20	21	22				
25	26	27	28					
<b>March</b>					6.G.A	<b>Topic 7 – Solve Area, Surface Area, and Volume Problems</b> (13 lessons, 24 days)	Unit 1 - Area and Surface Area  <a href="https://www.illustrativemathematics.org/6.G">https://www.illustrativemathematics.org/6.G</a>	How can the areas of certain shapes be found? What are the meanings of surface area and volume and how can surface area and volume be found?  <u>Designing 3D Products: Candy Cartons</u> <u>Using Space Efficiently: Packing a Truck</u> CMP3 – Covering and Surrounding: Two-Dimensional Measurement
				1				
4	5	6	7	8				
11	12	13	14	X				
18	19	20	21	22				
25	26	27	28	29				
<b>April</b>					6.SP.A 6.SP.B	<b>Topic 8 – Display, Describe and Summarize Data</b> (12 lessons, 15 days)	Unit 8 – Data Sets and Distributions  <a href="https://www.illustrativemathematics.org/6.SP">https://www.illustrativemathematics.org/6.SP</a>	How can data be described by a single number? How can tables and graphs be used to represent data and answer questions?  <u>Representing Variability with Mean, Median, Mode, and Range</u> CMP3 – Data About Us: Statistics & Data Analysis
8	9	10	11	12				
15	16	17	18	19				
22	23	24	25	26				
29	30							
<b>May</b>					KPREP – Get Ready for 7 <sup>th</sup> grade			
		1	2	3				
6	7	8	9	10				
13	14	15	16	17				
20	X	22	23	24				
X	28							