

Quarter 2 Grade 8

Mathematics Grade 8: Year at a Glance 2019-2020

Q1 Q2 Q3

Module 1 Aug. 12-Sept. 6	Module 2 Sept. 9 -Sept. 23	Module 3 Sept. 23-Oct. 10	Module 4 Oct. 21-Dec. 20	Module 5 Jan. 6 – Feb. 5	Module 6 Feb. 6 –Feb. 28	Gr. 7 Module 5 Lessons 6-7	Module 7 Mar. 9 -April 24
Aug. 12-ocpt. 0	осрі. 3 -осрі. 23	30ptil 20 30til 10	(Includes Semester	ban. 0 – 1 cb. 5	1 65. 0 –1 65. 20	Feb. 27- Feb. 28	TNReady April 13-
			Exam Days)				May 8
							Review after
							TNReady
							May 9-May 24
Integer Exponents	The Concept of	Similarity	Linear Equations	Examples of	Linear Functions		Introduction to
& Scientific	Congruence			Functions from			Irrational Numbers
Notation				Geometry			Using Geometry
8.EE.A.1	8.G.A.1	8.G.A.2	8.EE.B.5	8.F.A.1	8.F.B.4	8.SP.B.4	8.NS.A.1
8.EE.A.3	8.G.A.3	8.G.A.3	8.EE.B.6	8.F.A.2	8.F.B.5		8.NS.A.2
8.EE.A.4	8.G.B.4	8.G.B.4	8.EE.C.7	8.F.A.3	8.SP.A.1		8.EE.A.2
	8.G.B.5	8.G.B.5	8.EE.C.8	8.G.C.7	8.SP.A.2		8.G.B.4
					8.SP.A.3		8.G.B.5
							8.G.B.6
							8.G.C.7
							After TNReady
							8.EE 1, 3-6, 8
							8.F 1-3
							8.G 2, 5, 7



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Introduction

Destination 2025, Shelby County Schools' 10-year strategic plan, is designed not only to improve the quality of public education, but also to create a more knowledgeable, productive workforce and ultimately benefit our entire community. **What will success look like?**

80% of seniors will be college-or career-ready 90% of students will graduate on time

100%
of college-or career-ready
graduates enroll in
post-secondary opportunities

In order to achieve these ambitious goals, we must collectively work to provide our students with high quality, college and career ready aligned instruction. The Tennessee State Standards provide a common set of expectations for what students will know and be able to do at the end of a grade. The State of Tennessee provides two sets of standards, which include the Standards for Mathematical Content and The Standards for Mathematical Practice. The Content Standards set high expectations for all students to ensure that Tennessee graduates are prepared to meet the rigorous demands of mathematical understanding for college and career. The eight Standards for Mathematical Practice describe the varieties of expertise, habits of mind, and productive dispositions that educators seek to develop in all students. The Tennessee State Standards also represent three fundamental shifts in mathematics instruction: focus, coherence and rigor.

Instructional Shifts for Mathematics



Coherence



Throughout this curriculum map, you will see resources as well as links to tasks that will support you in ensuring that students are able to reach the demands of the standards in your classroom. In addition to the resources embedded in the map, there are some high-leverage resources around the content standards and mathematical practice standards that teachers should consistently access. For a full description of each, click on the links below.



Standards for Mathematical Practice Literacy Sckills for Mathematical Proficency

■Major Content

> Supporting Content

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How to Use the Curriculum Map

Overview

An overview is provided for each quarter and includes the topics, focus standards, intended rigor of the standards and foundational skills needed for success of those standards.

Your curriculum map contains four columns that each highlight specific instructional components. Use the details below as a guide for information included in each column.

Tennessee State Standards

TN State Standards are located in the left column. Each content standard is identified as Major Content or Supporting Content. A key can be found at the bottom of the map.

Content

This section contains learning objectives based upon the TN State Standards. Best practices tell us that clearly communicating measurable objectives lead to greater student understanding. Additionally, essential questions are provided to guide student exploration and inquiry.

Instructional Support

District and web-based resources have been provided in the Instructional Support column. You will find a variety of instructional resources that align with the content standards. The additional resources provided should be used as needed for content support and scaffolding.

Vocabulary and Fluency

The inclusion of vocabulary serves as a resource for teacher planning and for building a common language across K-12 mathematics. One of the goals for Tennessee State Standards is to create a common language, and the expectation is that teachers will embed this language throughout their daily lessons. In order to aid your planning, we have also included a list of fluency activities for each lesson. It is expected that fluency practice will be a part of your daily instruction. (Note: Fluency practice is not intended to be speed drills, but rather an intentional sequence to support student automaticity. Conceptual understanding must underpin the work of fluency.

Instructional Calendar

As a support to teachers and leaders, an instructional calendar is provided **as a guide**. Teachers should use this calendar for effective planning and pacing, and leaders should use this calendar to provide *support* for teachers. Due to variances in class schedules and differentiated support that may be needed for students' adjustment to the calendar may be required.



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Grade 8 Quarter 2 Overview

Module 4: Linear Equations

The chart below includes the standards that will be addressed in this quarter, the type of rigor the standards address, and foundational skills needed for mastery of these standards. Consider using these foundational standards to address student gaps during intervention time as appropriate for students

Grade Level Standard	Type of Rigor	Foundational Standards		
8.EE.5	Conceptual Understanding	7.RP.A.2		
8.EE.6	Conceptual Understanding	7.RP.A.2, 7.G.A.1		
► 8.EE.7	Procedural Fluency	7.G.A.1, 7.RP.A.2		
8.EE.8	Conceptual Understanding, Procedural Fluency & Application	7.EE.4		
Indicates the Power Standard based on the 2017-18 TN Ready Assessment.				
Instructional Focus Document – Grade 8				



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	Module 4 Linear Equations							
	Grade 8 Pacing and Preparation Guide							
	(Allow approximately 9 weeks for i	nstruction, review and assessment)						
TN STATE STANDARDS	CONTENT	INSTRUCTIONAL SUPPORT	VOCABULARY					
Cluster: Analyze and solve linear equations and pairs of simultaneous linear equations. ■8.EE.C.7: Solve linear equations in one variable. ■8.EE.C.7.a: Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by successively transforming the given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). ■8.EE.C.7.b: Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.	Topic A Objectives: Essential Questions: Why is it important to know whether a linear equation has one solution, infinitely many solutions, or no solution? Lesson 1: (8.EE.C.7) Students write mathematical statements using symbols to represent numbers. Students know that written statements can be written as more than one correct mathematical sentence.	IF your students need to enhance their prior knowledge of linear expressions and equations, consider doing the following 7th Grade Teacher Toolbox lessons before starting Grade 8 Module 4. Lesson 14: Equivalent Linear Expressions (supports Module 4 Lesson 4) Lesson 15: Writing Linear Expressions (supports Module 4 Lesson 1) Lesson 16: Solve Problems with Equations (supports Module Lessons 4 & 5) How to Integrate Teacher Toolbox Lessons Topic A: Writing and Solving Linear Equations Topic A Teacher Toolbox Alignment: Lesson 13: Solve Linear Equations with Rational Coefficients Lesson 14: Solutions of Linear Equations How to Integrate Teacher Toolbox Lessons Lesson 1 Lesson 2 Omit	Vocabulary for Module 4: Topic A Horizontal Line, Linear Equation Familiar Terms and Symbols for Module 3: Coefficient, Equation, Like terms, Linear Expression, Solution, Term, Unit rate, Variable					

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TN STATE STANDARDS	CONTENT	INSTRUCTIONAL SUPPORT	VOCABULARY
Cluster: Analyze and solve linear equations and pairs of simultaneous linear equations. **8.EE.C.7: Solve linear equations in one variable. **8.EE.C.7.a: Give examples of linear equations in one variable with one solution, infinitely many solutions, or no solutions. Show which of these possibilities is the case by successively transforming the given equation into simpler forms, until an equivalent equation of the form x = a, a = a, or a = b results (where a and b are different numbers). **8.EE.C.7.b: Solve linear equations with rational number coefficients, including equations whose solutions require expanding expressions using the distributive property and collecting like terms.	 Students know that a linear equation is a statement of equality between two expressions. Students know that a linear equation in x is actually a question: Can you find all numbers x, if they exist, that satisfy a given equation? Students know that those numbers x that satisfy a given equation are called solutions. Lesson 4 (8.EE.C.7) Students extend the use of the properties of equality to solve linear equations having rational coefficients. Lesson 5: (8.EE.C.7.b) Students apply knowledge of geometry to writing and solving linear equations. Lesson 6: (8.EE.C.7.a, 8.EE.C.7.b) Students transform equations into simpler forms using the distributive property. Students learn that not every linear equation has a solution. Lesson 7: (8.EE.C.7.a) Students know the conditions for which a linear equation has a unique solution, no solution, or infinitely many solutions. Lesson 8: (8.EE.C.7.b) Students rewrite and solve equations that are not obviously linear equations using properties of equality. Lesson 9: (8.EE.C.7.a) Students know how to rewrite an exponential expression that represents a series as a linear equation. 	Lesson 3 Lesson 4 Lesson 6 Lesson 7 Lesson 8 Lessons 5 & 9, Combine Suggestion for combining: • Lesson 9 - Select problems from Exercises 3-11 and incorporate with lesson 5. • Exit Ticket Lesson 5 #1 & Exit Ticket Lesson 9 #2 Optional Quiz for Grade 8 M4 Topic A Additional Recommended Resources: These optional resources may be used for extension, enrichment and/or additional practice, as needed. TNCore Task Arc: Equations and Linear Functions 8.EE.7 Illustrative Math: The Sign of Solutions Illustrative Math: Coupon versus Discount Illustrative Math: Sammy's Chipmunk & Squirrel Observations Illustrative Math: The Sign of Solutions	Vocabulary for Module 4: Topic A Horizontal Line, Linear Equation Familiar Terms and Symbols for Module 3: Coefficient, Equation, Like terms, Linear Expression, Solution, Term, Unit rate, Variable



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TN STATE STANDARDS	CONTENT	INSTRUCTIONAL SUPPORT	VOCABULARY	
Domain: Expressions and Equations Cluster: Understand the connections between proportional relationships, lines, and linear equations. 8.EE.B.5: Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.	 Essential Questions: How are proportional relationships represented on a graph, a table and an equation? How do you compare different proportional relationships represented on graphs, tables and equations? What is the relationship between a unit rate and slope? Topic B Objectives: (All lessons cover 8.EE.B.5) Lesson 10: Students work with proportional relationships that involve average speed and constant speed in order to write a linear equation in two variables. Students use linear equations in two variables to answer questions about distance and time. Lesson 11: Students know the definition of constant rate in varied contexts as expressed using two variables where one is t representing a time interval. Students graph points on a coordinate plane related to constant rate problems. Lesson 12: Students use a table to find solutions to a given linear equation and plot the solutions on a coordinate plane. 	Before beginning Module 4 Topic B, use some components of the following 7th Grade Teacher Toolbox lessons Lesson 11: Equations for Proportional Relationships Lesson 12: Problem Solving with Proportional Relationships How to Integrate Teacher Toolbox Lessons Topic B: Linear Equations in Two Variables and Their Graphs Topic B Teacher Toolbox Alignment: Lesson 11: Represent Proportional Relationships How to Integrate Teacher Toolbox Lessons Lesson 10 Lesson 11 Lesson 12 Continued below	Vocabulary for Module 4: Topic B Average Speed, Constant Speed, Standard Form of a Linear Equation Familiar Terms and Symbols for Module 3: Coefficient, Equation, Like terms, Linear Expression, Solution, Term, Unit rate, Variable	

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TN STATE STANDARDS	CONTENT	INSTRUCTIONAL SUPPORT	VOCABULARY
Domain: Expressions and Equations Cluster: Understand the connections between proportional relationships, lines, and linear equations. ■8.EE.B.5: Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways.	 Students predict the shape of a graph of a linear equation by finding and plotting solutions on a coordinate plane. Students informally explain why the graph of a linear equation is not curved in terms of solutions to the given linear equation. Lesson 14: Students graph linear equations in standard form, ax + by = c (a or b = 0), that produce a horizontal or a vertical line. 	Topic B, cont'd Lesson 13 Lesson 14 Optional Quiz for M4 Topic B Mid-Module 4 Assessment & Review of Assessment (Complete by 11/7/19) Optional Mid-Module 4 Assessment Additional Resources: These optional resources may be used for extension, enrichment and/or additional practice, as needed. TN Tasks: Speed Limit 8.EE.5 TN Assessment Tasks: Olympic Pool, Buying Tools & Typing Rate 8.EE.5 Illustrative Math 8.EE.5	

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TN STATE STANDARDS	CONTENT	INSTRUCTIONAL SUPPORT	VOCABULARY
Cluster: Understand the connections between proportional relationships, lines, and linear equations. ■8.EE.B.5: Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways. ■8.EE.B.6: Use similar triangles to explain why the slope <i>m</i> is the same between any two distinct points on a non-vertical line in the coordinate plane; derive the equation y = mx for a line through the origin and the equation y = mx + b for a line intercepting the vertical axis at b.	 Essential Question(s): How do you show that the slope is the same between any two distinct points on a non- vertical line in the coordinate plane? Topic C Objectives: Lesson 15: (8.EE.B.5) Students know slope is a number that describes the steepness or slant of a line. Students interpret the unit rate as the slope of a graph. Lesson 16: (8.EE.B.6) Students use similar triangles to explain why the slope m is the same between any two distinct points on a non-vertical line in the coordinate plane. Students use the slope formula to compute the slope of a non-vertical line. Lesson 17: (8.EE.B.6) Students show that the slope of a line joining any two distinct points of the graph of y = mx + b has slope m. Students transform the standard form of an equation into y = -a/bx + c/b. Lesson 18: (8.EE.B.6) Students graph equations in the form of y = mx + b using information about slope and y-intercept point. Students know that if they have two straight lines with the same slope and a common point, the lines are the same. 	Topic C: Slope and Equations of Lines Topic C Teacher Toolbox Alignment: Lesson 11: Represent Proportional Relationships Lesson 12: Understand the Slope-Intercept Equation for a Line How to Integrate Teacher Toolbox Lessons Lesson 15 Lesson 16 Lesson 17 Lesson 18 Continued below	Vocabulary for Module 4: Topic C Linear Equation, Point-Slope Equation of a Line, Slope of a Line in a Cartesian Plane, Slope-Intercept Equation of a Line, Standard Form of a Linear Equation Familiar Terms and Symbols for Module 3: Coefficient, Equation, Like terms, Linear Expression, Solution, Term, Unit rate, Variable

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TN STATE STANDARDS	CONTENT	INSTRUCTIONAL SUPPORT	VOCABULARY
Domain: Expressions and Equations Cluster: Understand the connections between proportional relationships, lines, and linear equations. ■8.EE.B.5: Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways. ■8.EE.B.6: Use similar triangles to explain why the slope <i>m</i> is the same between any two distinct points on a non-vertical line in the coordinate plane; derive the equation y = mx for a line through the origin and the equation y = mx + b for a line intercepting the vertical axis at b.	 Lesson 19: (8.EE.B.6) Students prove that any point on the graph of y = mx + b is on a line l and that any point on a line ll is a point on the graph of y = mx + b. Students graph linear equations on the coordinate plane. Lesson 20: (8.EE.B.6) Students know that any non-vertical line is the graph of a linear equation in the form of y = mx + b, where b is a constant. Students write the linear equation whose graph is a given line. Lesson 21: (8.EE.B.6) Students write the equation of a line given two points or the slope and a point on the line. Students know the traditional forms of the slope formula and slope-intercept equation. Lesson 22: (8.EE.B.5, 8.EE.B.6) Students know that any constant rate problem can be described by a linear equation in two variables where the slope of the graph is the constant rate. Students compare two different proportional relationships represented by graphs, equations, and tables to determine which has a greater rate of change. Lesson 23: (8.EE.B.6) Students know that two equations in the form ax+by=c and a'x+b'y=c' graph as the same line when a'/a=b'/b=c'/c and at least one of a or b is nonzero. Students know that the graph of a linear equation ax+by=c, where a, b, and c are constants and at least one of a or b nonzero, is the line defined by the equation ax+by=c. 	Topic C, cont'd Lesson 19 Lesson 20 Lesson 21 Lesson 23 Optional Quiz for M4 Topic C Additional Resources: These optional resources may be used for extension, enrichment and/or additional practice, as needed. TN Assessment Tasks: Lemonade Stand & Two Different Graphs 8.EE.6 Illustrative Math: Slopes Between Points on a Line 8.EE.6 Khan Academy: Slope Triangles PBSlearningmedia.org: Understanding Slope w/ Similar Triangles Reminder: It is recommended that teachers begin preparing for Module 5 by 12/6/19.	Vocabulary for Module 4: Topic C Linear Equation, Point-Slope Equation of a Line, Slope of a Line in a Cartesian Plane, Slope-Intercept Equation of a Line, Standard Form of a Linear Equation Familiar Terms and Symbols for Module 3: Coefficient, Equation, Like terms, Linear Expression, Solution, Term, Unit rate, Variable

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TN STATE STANDARDS	CONTENT	INSTRUCTIONAL SUPPORT	VOCABULARY
Domain: Expressions and Equations Cluster: Understand the connections between proportional relationships, lines, and linear equations. ■ 8.EE.B.5 Graph proportional relationships, interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways. For example, compare a distance-time graph to a distance-time equation to determine which of two moving objects has greater speed.	Essential Question(s): How can I determine, when analyzing the motion of two objects, which object has the greater speed? What is the meaning of the slope and intercept of a line, in the context of the situation? How will I explain how I know that a pair of linear equations has one solution, no solutions, or infinitely many solutions? Topic D Objectives:	Topic D: Systems of Linear Equations and Their Solutions Topic D Teacher Toolbox Alignment: Lesson 15: Understand Systems of Equations Lesson 16: Solve Systems of Equations Algebraically Lesson 17: Solve Problems Using Systems of Equations How to Integrate Teacher Toolbox Lessons	Vocabulary for Module 4: Topic D Solution to a System of Linear Equations, System of Linear Equations, Vertical Line, X- Intercept, Y-Intercept Familiar Terms and Symbols for Module 3: Coefficient, Equation, Like terms, Linear Expression, Solution, Term, Unit rate, Variable
Domain: Expressions and Equations Cluster: Analyze and solve linear equations and systems of two linear equations. 8.EE.C.8 Analyze and solve systems of two linear equations. a. Understand that solutions to a system of two linear equations in two variables correspond to points of intersection of their graphs, because points of intersection satisfy both equations simultaneously.	Esson 24: (8.EE.B.5, 8.EE. C.8) Students know that a system of linear equations, also known as simultaneous equations, is when two or more equations are involved in the same problem and work must be completed on them simultaneously. Students also learn the notation for simultaneous equations. Students compare the graphs that comprise a system of linear equations in the context of constant rates to answer questions about time and distance.	Lesson 24 Continued below	



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TN STATE STANDARDS	CONTENT	INSTRUCTIONAL SUPPORT	VOCABULARY
Domain: Expressions and Equations Cluster: Analyze and solve linear equations and systems of two linear equations. ■ 8.EE.C.8 Analyze and solve systems of two linear equations. a. Understand that solutions to a system of two linear equations in two variables correspond to points of intersection of their graphs, because points of intersection satisfy both equations simultaneously.	 Students sketch the graphs of two linear equations and find the point of intersection. Students identify the point of intersection of the two lines as the solution to the system. Students verify by computation that the point of intersection is a solution to each of the equations in the system. Lesson 26: (8.EE.B.8) Students know that when a system of linear equations has no solution (i.e., no point of intersection of the lines), then the lines are parallel. Lesson 27: (8.EE.C.8.a) Students know that since two equations in the form ax + by = c and 'x + b'y = c', when a, b, and c are nonzero numbers, graph as the same line when a'l a = b'lb = c'lc, then the system of linear equations has infinitely many solutions. Students know a strategy for solving a system of linear equations algebraically. 	Topic D, cont'd Lesson 25 Lesson 26 Lesson 27 Continued below	Vocabulary for Module 4: Topic D Solution to a System of Linear Equations, System of Linear Equations, Vertical Line, X- Intercept, Y-Intercept Familiar Terms and Symbols for Module 3: Coefficient, Equation, Like terms, Linear Expression, Solution, Term, Unit rate, Variable

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 estimate solutions by graphing the equations. Solve simple cases by inspection. For example, 3x + 2y = 5 and 3x + 2y = 6 have no solution because 3x + 2y cannot simultaneously be 5 and 6. c. Solve real-world and mathematical problems leading to two linear equations in two variables. For example, given coordinates for two pairs of points, determine whether the line through the first pair of points intersects the line Students write word problems into systems of linear equations. Students write word problems into systems of linear equations. Students write word problems into systems of linear equations. Students write word problems into systems of linear equations. Students write word problems into systems of linear equations. Students write word problems into systems of linear equations. Students write word problems into systems of linear equations. Students write word problems into systems of linear equations. Students write word problems into systems of linear equations. Students write word problems into systems of linear equations. Students write word problems into systems of linear equations. Students write word problems into systems of linear equations using elimination and substitution methods. Illustrative Math: Coffee by the Pound 8.EE.B.5 Illustrative Math: 8.EE.C.8 End-of-Module 4 Assessment & Review of 	TN STATE STANDARDS	CONTENT	INSTRUCTIONAL SUPPORT	VOCABULARY
	 Cluster: Analyze and solve linear equations and systems of two linear equations. ■ 8.EE.C.8 Analyze and solve systems of two linear equations. b. Solve systems of two linear equations in two variables algebraically, and estimate solutions by graphing the equations. Solve simple cases by inspection. For example, 3x + 2y = 5 and 3x + 2y = 6 have no solution because 3x + 2y cannot simultaneously be 5 and 6. c. Solve real-world and mathematical problems leading to two linear equations in two variables. For example, given coordinates for two pairs of points, determine whether the line through the 	 Students learn the elimination method for solving a system of linear equations. Students use properties of rational numbers to find a solution to a system, if it exists, through computation using substitution and elimination methods. Lesson 29: (8.EE.C.8.b, 8.EE.C.8.c) Students write word problems into systems of linear equations. Students solve systems of linear equations 	Lesson 28 Lesson 29 Lesson 30 Omit Lesson 31 Omit Optional Quiz for M4 Topic D Additional Resources: These optional resources may be used for extension, enrichment and/or additional practice, as needed Illustrative Math: Comparing Speeds in Graphs and Equations 8.EE.B.5 Illustrative Math: Coffee by the Pound 8.EE.B.5 Illustrative Math: 8.EE.C.8	Solution to a System of Linear Equations, System of Linear Equations, Vertical Line, X- Intercept, Y-Intercept Familiar Terms and Symbols for Module 3:



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The Resource Toolkit provides additional support for comprehension and mastery of grade-level skills and concepts. While some of these resources are imbedded in the map, the use of these categorized materials can assist educators with maximizing their instructional practices to meet the needs of all students.

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Textbook Resources www.greatminds.org Eureka Math Grade 8 Remediation Guides Remediation Tools	Standards Support TNReady Math Standards Grade 8 Instructional Focus Document Achieve the Core Edutoolbox	Videos Khan Academy Learn Zillion					
Calculator Activities TI-73 Activities CASIO Activities TI-Inspire for Middle Grades	Interactive Manipulatives Glencoe Virtual Manipulatives National Library of Interactive Manipulatives	Additional Sites Embarc Online PBS: Grades 6-8 Lesson Plans Grade 8 Flip Book (This book contains valuable resources that help develop the intent, the understanding and the implementation of the state					
	SEL Resources SEL Connections with Math Practices SEL Core Competencies The Collaborative for Academic, Social, and Emotional Learning (CASEL)	- standards.) https://academy.act.org/ https://opened.com					





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			October 20	19		
Module/Topic	Monday	Tuesday	Wednesday	Thursday	Friday	Notes:
	30	1	2	3	4	Flex Day Options Include:
						Standard- Suggested standard(s) to review for
	7	8	9	10	11 ½ day students Quarter 1 Ends	the day (*-denotes a Power Standard)
	14	15	16	17	18	Pacing - Use this time to adjust instruction to stay on
		pace.				
	0.4	0.4	00	0.4	0=	<i>Other</i> - This includes assessments, review, re-
Module 4 Topic A	Quarter 2 Begins Module 4 Topic A Lesson 1	Module 4 Topic A Lesson 3	Module 4 Topic A Lesson 4	Module 4 Topic A Lesson 6	25 Flex Day Options 8. EE.C.7* 8.EE.C.7a 8. EE.C.7b Pacing Other	teaching, etc.
	28	29	30	31	1	
Module 4 Topic A Topic B	Module 4 Topic A Lesson 7	Module 4 Topic A Lesson 8	Module 4 Topic A Lessons 5 & 9. combined	Module 4 Topic B Lesson 10 Halloween		

Note: Please use this suggested pacing as a guide. It is understood that teachers may be up to 1 week ahead or 1 week behind depending on their individual class needs.



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				November 2	019		
Module/Topic	Mon	day	Tuesday	Wednesday	Thursday	Friday	Notes:
Module 4 Topic B						Flex Day Options 8.EE.C.7a* 8. EE.C.7b* Pacing Other	Flex Day Options Include: Standard- Suggested standard(s) to review for the day (*-denotes a Power Standard) Pacing - Use this time to adjust instruction to stay on pace. Other- This includes assessments, review, reteaching, etc.
Module 4 Topic B	Module 47 Lesson 11	4 Γopic B	Module 4 Topic B Lesson 12	Module 4 Topic B Lesson 13	Module 4 Topic B Lesson 14	1/2 day students Flex Day Options 8.EE.B.5 Pacing Other	
Module 4 Topic C	Veterar	11 n's Day	Mid-Module 4 Assessment & Review of Assessment	Module 4 Topic C Lesson 15	Module 4 Topic C Lesson 16	Module 4 Topic C Lesson 17	
Module 4 Topic C	Module 4 Topic C Lesson 18		Module 4 Topic C Lesson 19	Module 4 Topic C Lesson 20	Module 4 Topic C Lesson 21	22 Flex Day Options 8.EE.B.6 Pacing Other	
	25		26 T	27 Thanksgiving Brea	28 k	29	
	PD FLEX	DAY	PD FLEX DAY				

Note: Please use this suggested pacing as a guide. It is understood that teachers may be up to 1 week ahead or 1 week behind depending on their individual class needs.



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	December 2019						
Module/Top	oic Monday	Tuesday	Wednesday	Thursday	Friday	Notes:	
Module 4 Topi Topic D	ic C Module 4 Topic C Lesson 22	Module 4 Topic C Lesson 23	Module 4 Topic D Lesson 24	Module 4 Topic D Lesson 25	Flex Day Options 8.EE.B.5 8.EE.B.6 Pacing Other	Flex Day Options Include: Standard- Suggested standard(s) to review for the day (*-denotes a Power	
Module 4 Topi	ic D Module 4 Topic D Lesson 26 Start preparing for Module 5	Module 4 Topic D Lesson 27	Module 4 Topic D Lesson 28	Module 4 Topic D Lesson 29	Flex Day Options 8.EE.C.8 Pacing Other	Standard) Pacing – Use this time to adjust instruction to stay on pace. Other- This includes assessments, review, re-	
	End-of-Module 4 Assessment & Review of Assessment	End-of-Module 4 Assessment & Review of Assessment	18	19	20 ½ day students Quarter 2 Ends Flex Day Options 8.EE.C.8 Pacing Other	teaching, etc.	
	23	24	25	26	27		
	Winter Break						
	Winter Brea	31 k	1	2	3		

Note: Please use this suggested pacing as a guide. It is understood that teachers may be up to 1 week ahead or 1 week behind depending on their individual class needs.