



Eighth Grade



Building a Community of Mathematical Learners				
Pre-Unit	Preparing students for task-based learning and reviewing 7th grade skills			5 days August 10 -14
Unit 1: Exponents and Scientific Notation				
Unit 1	Module 2: Exponents and Scientific Notation	8.EE.1	8.EE.3	10 days Aug 17 - Aug 28
		8.EE.4		
<i>During Unit 1 ensure students have access to related MICA items</i>				
Unit 2: Proportional and Non Proportional Relationships and Functions				
Unit 2	Module 3: Proportional Relationships	8.EE.6	8.F.4	39 days Aug 31 - Oct 30
		8.EE.5		
	Module 4: Nonproportional Relationships	8.F.3	8.EE.6	
		8.F.4	8.F.2	
	Module 5: Writing Linear Equations	8.F.4	8.SP.1	
	Module 6: Functions	8.F.1	8.F.3	
8.F.2		8.F.5		
<i>During Unit 2 ensure students have access to related MICA items</i>				
Unit 3: Solving Equations and Systems of Equations				
Unit 3	Module 7: Solving Linear Equations	8.EE.7		24 days Nov 2 - Dec 9
	Module 8: Solving Systems of Linear Equations	8.EE.8		
<i>During Unit 3 ensure students have access to related MICA items</i>				
Unit 4: Transformational Geometry				
Unit 4	Module 9: Transformations and Congruence	8.G.1	8.G.3	26 days Dec 10 - Feb 3
		8.G.2		
	Module 10: Transformations and Similarity	8.G.4	8.G.3	
<i>During Unit 4 ensure students have access to related MICA items</i>				
Unit 5: Real Numbers and Measurement Geometry				
Unit 5	Module 1: Real Numbers	8.NS.1	8.NS.2	23 days Feb 4 - March 8
	Module 12: The Pythagorean Theorem	8.G.7	8.G.6	
		8.G.8		
	Module 13: Volume	8.G.9		
<i>During Unit 5 ensure students have access to related MICA items</i>				
Unit 6: Statistics				
Unit 6	Module 14: Scatter Plots	8.SP.1	8.SP.3	13 days March 9 - April 1
	Module 15: Two-Way Tables	8.SP.4		
<i>During Unit 6 ensure students have access to related MICA items</i>				

Green standards are major work of the grade (80%)

Blue standards are additional and supporting standards (20%)

Eighth Grade Resources

[TN State Standards](#)

[TNCORE Math Tasks for Eighth Grade](#)

UN: tneducation pw: fastestimproving

[North Carolina Math Tasks Per Cluster](#)

[Illustrative Mathematics Tasks](#)

[Math and ELA Lesson Bank by Master Teachers](#)

[Inside Mathematics](#)

[Exemplars Differentiated Math Tasks](#)

[Balanced Assessment Middle School Tasks](#)

[Engage NY](#)

[Math Performance Task Bank](#)

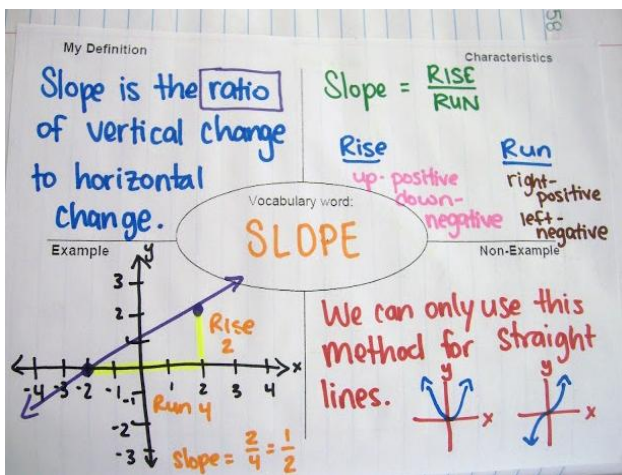
[Illinois 8th Grade Resources](#)

[NYC Task Bank](#)

[Eureka Math - Free Modules for all standards](#)



Rational			Irrational	
15.5	0.12345	-1	$\sqrt{65}$	$-\pi$
$-5/7$	$4/9$	5.55555		π
56,912	-16.987		$-\sqrt{77}$	
-56,912	$5/10$	4	3π	$\sqrt{102}$
$-12/6$	7.4239	179		
$-\sqrt{64}$	$-1/2$	$10/5$		
-15.5	$-6/12$	0.12		
0.6	5.5	$\sqrt{100}$	0	



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