



MSSD LEARNING RESOURCES

MATH

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MATH ESSENTIALS				
Resource	Description(s)	Links	Type(s)	Worksheet (pdf)
IXL	Personalized Learning	www.ixl.com	Online Practice	No
ABC123	Online Game	https://www.abcya.com/	Online Practice	No
Prodigy	Online Game	www.kahoot.com	Online Practice	No
Khan Academy Kids(6 -8 grade)	Personalized Learning	https://www.khanacademy.org/math/illustrative-math	Online Learning	No
Kahoot.it	Personalized Learning	www.kahoot.com	Online Practice	No
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PRE-ALGEBRA				
Resource	Description(s)	Links	Type(s)	Worksheet (pdf)
IXL	Personalized Learning	www.ixl.com	Online Practice	No
Kahoot.it	Personalized Learning	www.kahoot.com	Online Practice	No
Khan Academy: Pre-Algebra	Personalized Learning	https://www.khanacademy.org/math/pre	Online Practice	No



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		-algebra		
GeoGebra	Free Online Math Tools	www.geogebra.com	Online Learning	No
Math is Fun	Personalized Learning	www.mathisfun.com	Online Learning	No
FunBrain	Online Game	https://www.funbrain.com/	Online Learning	No
Mangahigh	Personalized learning	https://www.mangahigh.com/en/for-home	Online learning and games	No
Cool Math	Personalized Learning	<ol style="list-style-type: none">1. Learning: https://www.coolmath.com/prealgebra2. Games: https://www.coolmathgames.com/	Online learning and games	No
Math Playground	Online Game	https://www.mathplayground.com/index_prealgebra.html	Online Learning	No
Math Game	Personalized Learning	https://www.mathgames.com/	Online Learning	Yes



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ALGEBRA I				
<i>Resource</i>	<i>Description(s)</i>	<i>Links</i>	<i>Type(s)</i>	<i>Worksheet (pdf)</i>
IXL	Personalized Learning	www.ixl.com	Online Practice	No
Kahoot.it	Personalized Learning	www.kahoot.com	Online Practice	No
Khan Academy: Pre-Algebra	Personalized Learning	https://www.khanacademy.org/math/pre-algebra	Online Practice	No
GeoGebra	Free Online Math Tools	www.geogebra.com	Online Learning	No
Math is Fun	Personalized Learning	www.mathisfun.com	Online Learning	No
Khan Academy: Algebra 1	Personalized Learning	https://www.khanacademy.org/math/algebra	Online Learning	No
Math Planet	Online resource	https://www.mathplanet.com/	Online Learning	No
McGraw-Hill Education- Algebra 1	Personalized Learning(Ebook)	https://my.mheducation.com/login	Online Learning	No
Algebra 1	Personalized Learning	https://study.com/academy/subject/math.html	Online Learning	No



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eMathInstruction	Personalized Learning	https://www.emathinstruction.com/courses/com-mon-core-algebra-i/	Online Learning	Yes
Desmos	Online resource	https://teacher.desmos.com/	Online Learning	No
Mathbitsnotebook	Personalized Learning	http://mathbitsnotebook.com/Algebra1/Algebra1.html	Online Learning	No
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ALGEBRA II				
Resource	Description(s)	Links	Type(s)	Worksheet (pdf)
Algebra II Curriculum	A packet of worksheets organized by units.	https://drive.google.com/open?id=1BcJs2rbjGTJ-LKshmKxwhF9KnLKctsjK	Worksheets	Yes
Khan Academy Algebra 2	Created by experts, Khan Academy's library of trusted, standards-aligned practice and lessons covers math K-12. It's all free for learners and teachers.	https://www.khanacademy.org/math/algebra2	Online practice	No



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Gizmos	Over 400 math and science Gizmos gives everyone something to graph, measure, and compare.	https://www.explorelearning.com/	Online simulations: Gizmos requires an account, and has some features that are only available to users that pay.	No
PhET	The PhET Interactive Simulations project at the University of Colorado Boulder creates free interactive math and science simulations.	https://phet.colorado.edu/en/simulations/category/math	Online simulations: . PhET is free and there is a lot of user content that is available.	Yes
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GEOMETRY				
Resource	Description(s)	Links	Type(s)	Worksheet (pdf)
IXL	Right Triangles and Trigonometry	www.ixl.com	Online Practice	No
Khan Academy Geometry	Created by experts, Khan Academy's library of trusted, standards-aligned practice and lessons covers math K-12. It's all free for learners and teachers.	https://www.khanacademy.org/math/geometry	Online practice	No



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FINANCIAL LITERACY				
<i>Resource</i>	<i>Description(s)</i>	<i>Links</i>	<i>Type(s)</i>	<i>Worksheet (pdf)</i>
LiveBinder	Financial Literacy Curriculum	Financial Literacy - LiveBinder	Lessons, activities, projects.	No
Online game	Visa and the National Football League have teamed up to create Financial Football, a fast-paced, interactive game that engages students while teaching them personal finance skills.	Financial Football	Simulation	No
Gen i Revolution	Developed for middle school and high school students, this online game gives your students the chance to learn important personal finance skills as they play and compete against fellow classmates.	Personal Finance and Economics Education Online Game for teachers teaching grades 6 through 12 students - Gen i Revolution	Simulation	No
NGPF Arcade	These free online games provide the	https://www.ngpf.org/	Simulations	No



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	hooks to get students engaged in decision making around paying for college, budgeting, investing and more.	arcade/		
MoneyTeach	Collection of personal finance curricula	MoneyTeach MoneyTeach	Curriculum resources	No
Pricewater Cooper Financial literacy curriculum	Our financial literacy curriculum has modules for grades K-12 composed of easy-to-follow lesson plans accompanied by engaging activities. Click on the grade level below for the associated lessons.	PwC's Access Your Potential curriculum: PwC	Curriculum resources	Yes
Global Financial Literacy Excellence Center at the George Washington University	GFLEC has developed materials for a new personal finance course at an institution of higher education, with the support of the Calvin K. Kazanjian Economics Foundation.	Personal Finance Course Global Financial Literacy Excellence Center (GFLEC)	Curriculum resources	Yes
Kramer Wealth Managers	ASL videos on financial literacy	Kramer Wealth Managers - YouTube	Videos	No
CSD Learns	ASL videos on financial literacy	CSD Learns- Teachable Moments -	Videos	No



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		YouTube		
NGPF Interactives	The Interactive Library features simulations, graphs, quizzes, and other online interactives. Conveniently sorted by topic, our Interactive Library will supplement your classroom instruction and provide opportunities for student input and engagement.	Interactive Library		
IRS Tax Simulations	Different simulations that help understand how to file taxes	IRS: Understanding Taxes - Simulations	Simulations	No
Moneyville	Online financial simulations	Moneyville	Simulations	No
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STATISTICS I				
Resource	Description(s)	Links	Type(s)	Worksheet (pdf)
Khan Academy Statistics and Probability	Created by experts, Khan Academy's library of trusted, standards-aligned	https://www.khanacademy.org/math/statistics-probability	Online practice	No



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	practice and lessons covers math K-12. It's all free for learners and teachers.			
IXL	Statistics and Probability	www.ixl.com	Online Practice	No
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PRECALCULUS				
Resource	Description(s)	Links	Type(s)	Worksheet (pdf)
Law of Cosines	To find side of triangles.	Law of Cosines	Khan Academy Video	No
Law of Cosines	To find angle of triangles	Law of Cosines Part 2	Khan Academy Video	No
Trigonometric Chapter	Overall of trig chapters in Khan Academy Video	https://www.khanacademy.org/math/trigonometry	Khan Academy Video	No
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CALCULUS I				
Resource	Description(s)	Links	Type(s)	Worksheet (pdf)



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Derivative	Review on Chapter of Derivatives	https://www.khanacademy.org/math/ap-calculus-ab/ab-differentiation-1-new	Khan Academy Video	No
Derivative II	Review on Derivative's rules II	https://www.khanacademy.org/math/ap-calculus-ab/ab-differentiation-2-new	Khan Academy Video	No
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MATH IN SOCIETY				
Resource	Description(s)	Links	Type(s)	Worksheet (pdf)
Basic Practice	Review on Algebra I skills	https://www.ixl.com/community/IXL-Math-Glencoe-High-School-Math-Algebra-1.pdf	IXL	No
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