

RCSS Middle Grade Math Resources

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General Resources for Middle Grades Math Teachers
NCDPI WikiCentral Page http://wikicentral.ncdpi.wikispaces.net/NCDPI+WikiCentral+Page
NCDPI Math Wiki Page http://maccss.ncdpi.wikispaces.net/home
Common Core State Standards for Mathematics http://www.corestandards.org/Math/
Common Core Support Videos http://secc.sedl.org/common_core_videos/
Inside Mathematics – Content Standards http://www.insidemathematics.org/common-core-resources/mathematical-content-standards
Common Core State Standards for Mathematical Practice http://www.corestandards.org/Math/Practice/
Bulleed Mathematical Practices http://static.pdesas.org/content/documents/Bulleed_Mathematical_Practices.pdf
Implementing the Mathematical Practice Standards http://mathpractices.edc.org/
Mathematics Assessment Project – tasks that align to the Mathematical Practices http://map.mathshell.org/materials/stds.php
Learn NC Mathematical Practices resources http://www.learnnc.org/lp/editions/math-CCSS-resources/7508
Illustrating the Standards for Mathematical Practice http://www.mathedleadership.org/ccss/itp/
Inside Mathematics – videos on the Standards for Mathematical Practice http://www.insidemathematics.org/common-core-resources/mathematical-practice-standards
Mentors of Mathematical Practice http://www.insidemathematics.org/common-core-resources/mentors-of-mathematical-practice
Mathematical Practice Checklist http://www.sandi.net/cms/lib/CA01001235/Centricity/Domain/13262/Eight%20Mathematical%20Practices%20LookFor%20s.pdf
Mathematical Practice Matrix http://www.sandi.net/cms/lib/CA01001235/Centricity/Domain/13262/standardsofpracticematrix.pdf
All Things Common Core – Classroom Sneak Peek – SMP #1 http://allthingscommoncore.com/content/classroom-sneak-peek-mathematical-practice-1
All Things Common Core – Classroom Sneak Peek – SMP #2 http://allthingscommoncore.com/node/1249
All Things Common Core – Classroom Sneak Peek – SMP #3 http://allthingscommoncore.com/content/classroom-sneak-peek-mathematical-practice-3
All Things Common Core – Classroom Sneak Peek – SMP #4 http://allthingscommoncore.com/content/classroom-sneak-peek-mathematical-practice-4
All Things Common Core – Classroom Sneak Peek – SMP #5 http://allthingscommoncore.com/content/classroom-sneak-peek-mathematical-practice-5
All Things Common Core – Classroom Sneak Peek – SMP #6 http://allthingscommoncore.com/content/classroom-sneak-peek-mathematical-practice-6
All Things Common Core – Classroom Sneak Peek – SMP #7 http://allthingscommoncore.com/content/classroom-sneak-peek-mathematical-practice-7
All Things Common Core – Classroom Sneak Peek – SMP #8 http://allthingscommoncore.com/content/classroom-sneak-peek-mathematical-practice-8
Parent Guide for Mathematical Practices http://www.sandi.net/cms/lib/CA01001235/Centricity/Domain/13262/MPS%20PARENT%20Guide.pdf

<p>Mathematical Practice Posters http://www.sandi.net/cms/lib/CA01001235/Centricity/Domain/13262/Grade-6-Math-Practices-posters.pdf http://www.sandi.net/cms/lib/CA01001235/Centricity/Domain/14642/Math%20Practices%20Posters%20for%20Elementary.pdf http://www.sandi.net/cms/lib/CA01001235/Centricity/Domain/13262/WRESA_Standards_Mathematical_Practice_student_e_0213.pdf</p>
<p>National Council of Teachers of Mathematics http://www.nctm.org/</p>
<p>NCTM Illuminations http://illuminations.nctm.org/</p>
<p>North Carolina Council of Teachers of Mathematics http://www.ncctm.org/</p>
<p>Math at the Core http://www.pbslearningmedia.org/collection/mathcore/</p>
<p>Khan Academy https://www.khanacademy.org/</p>
<p>Ten Marks Education http://www.tenmarks.com/</p>
<p>Big Ideas Math https://www.bigideasmath.com/</p>
<p>Ask Dr. Math http://mathforum.org/dr.math/</p>
<p>Superstars III Problem Solving http://mathlearnnc.sharpschool.com/cms/One.aspx?portalId=4507283&pageId=5856292</p>
<p>Math Stars http://mathlearnnc.sharpschool.com/cms/One.aspx?portalId=4507283&pageId=5856332</p>
<p>Problem Solving Decks http://mathlearnnc.sharpschool.com/cms/One.aspx?portalId=4507283&pageId=5856325</p>
<p>Grade Overviews in Continuum Form http://maccss.ncdpi.wikispaces.net/file/view/CCSS%20Overview%20-%20Continuum.pdf/449631710/CCSS%20Overview%20-%20Continuum.pdf</p>
<p>Critical Area Learning Descriptions in Continuum Form http://maccss.ncdpi.wikispaces.net/file/view/CCSS%20Critical%20Area%20Continuum.pdf/449631824/CCSS%20Critical%20Area%20Continuum.pdf</p>
<p>Balanced Assessment in Mathematics http://balancedassessment.concord.org/</p>
<p>Interactive Games http://nrich.maths.org/9108</p>
<p>Secondary Posters (printable) http://nrich.maths.org/8114</p>
<p>Visual Fractions http://www.visualfractions.com/</p>
<p>Math Goodies http://www.mathgoodies.com/students.html</p>
<p>Discovery Education – videos, lessons, activities https://randolphnc.discoveryeducation.com/</p>
<p>Jeopardy games https://jeopardylabs.com/</p>
<p>NCDPI Differentiation ideas http://beginningteacherresources.wikispaces.com/Differentiation</p>
<p>NCDPI Grouping strategies http://beginningteacherresources.wikispaces.com/Grouping</p>
<p>NC WiseOwl http://www.ncwiseowl.org/zones/parent/index.htm</p>

NRICH – Enriching Mathematics http://nrich.maths.org/frontpage
Inside Mathematics http://www.insidemathematics.org/tools-for-educators
Annenberg Learner http://www.learner.org/resources/discipline-math.html
Algebra Help http://www.algebrahelp.com/
Math Playground http://www.mathplayground.com/
Smarter Balanced Assessment Consortium http://www.smarterbalanced.org/
Math is Fun http://www.mathsisfun.com/
Math Practice http://www.ixl.com/math/
Learn Zillion https://learnzillion.com/
National Library of Virtual Mathematics http://nlvm.usu.edu/
Stella’s Stunners (non-routine mathematics problems) http://www.ohiorc.org/for/math/stella/
Problem Corner (rich mathematics problems) http://www.ohiorc.org/for/math/problem_corner/problems.aspx
Mathematics Bookshelf http://www.ohiorc.org/for/math/bookshelf/default.aspx
Teaching Channel https://www.teachingchannel.org/
Teacher Tube http://www.teachertube.com/
Achieve the Core http://achievethecore.org/
MARS (Mathematics Assessment Resource Service) Tasks http://ohiorc.org/bookmark/view_a_folder.aspx?uid=18178&folderID=28385&collapseat=1
Assessment Specifications Summary http://www.ncpublicschools.org/docs/acre/assessment/math.pdf
Butterfly Method video https://www.youtube.com/watch?v=mmf7pjlFQ9w&feature=youtu.be
Why Study Fractals? http://math.rice.edu/~lanius/fractals/WHY/
Mathematics Vision Project http://www.mathematicsvisionproject.org/
Partners Materials <i>Print materials housed at each middle school</i>
Schoolnet Instructional Resources <i>Instructional Resources within Schoolnet</i>
Aegom Lessons <i>Smart Notebook within RCSS network</i>
Calculator Requirements http://www.ncpublicschools.org/docs/accountability/testing/briefs/calculatorrequirements/calculatorrequirements.pdf
Common Core Literacy Standards for Science 6-12 http://scnces.ncdpi.wikispaces.net/file/view/Common%20Core_ELA%20%26%20Literacy.pdf/371957560/Common%20Core_ELA%20%26%20Literacy.pdf

6th grade Math Resources

6th grade CCSS-M Unpacked Content

<http://maccss.ncdpi.wikispaces.net/file/view/6th%20grade%20%20unpacked%202013.pdf/440135618/6th%20grade%20%20unpacked%202013.pdf>

Grade 6 Lessons for Learning

<http://maccss.ncdpi.wikispaces.net/file/view/CCSSMathTasks-Grade6.pdf/460716250/CCSSMathTasks-Grade6.pdf>

NC Ready 6th grade Math EOG Assessment – Released form

<http://dpi.state.nc.us/docs/accountability/testing/releasedforms/g6mathpp.pdf>

6th grade Math Practice

<http://www.ixl.com/math/grade-6>

7th grade Math Resources

7th grade CCSS-M Unpacked Content

<http://maccss.ncdpi.wikispaces.net/file/view/7th%20Grade%20Unpacked101112.pdf/379337206/7th%20Grade%20Unpacked101112.pdf>

Grade 7 Lessons for Learning

<http://maccss.ncdpi.wikispaces.net/file/view/CCSSMathTasks-Grade7.pdf/460716188/CCSSMathTasks-Grade7.pdf>

NC Ready 7th grade Math EOG Assessment – Released form

<http://dpi.state.nc.us/docs/accountability/testing/releasedforms/g7mathpp.pdf>

7th grade Math Games

<http://www.math-play.com/7th-grade-math-games.html>

8th grade Math Resources

8th grade CCSS-M Unpacked Content

<http://maccss.ncdpi.wikispaces.net/file/view/8th%20Grade%20Unpacked%20101112.pdf/379337342/8th%20Grade%20Unpacked%20101112.pdf>

Grade 8 Lessons for Learning

<http://maccss.ncdpi.wikispaces.net/file/view/CCSSMathTasks-Grade8.pdf/460716114/CCSSMathTasks-Grade8.pdf>

NC Ready 8th grade Math EOG Assessment – Released form

<http://dpi.state.nc.us/docs/accountability/testing/releasedforms/g8mathpp.pdf>

Math I Resources

Math I Unpacked Content

<http://maccss.ncdpi.wikispaces.net/Unpacking+Documents>

Major Work of High School

<http://maccss.ncdpi.wikispaces.net/Major+Work+of+High+School>