**COMMON CORE STATE STANDARDS IMPLEMENTATION RESOURCES**

**COMMON CORE STATE STANDARDS INITIATIVE** - [http://www.corestandards.org](http://www.corestandards.org/)

**Progressions for the Common Core in Mathematics:** [http://ime.math.arizona.edu/progressions/#](http://ime.math.arizona.edu/progressions/)   
The authors of the Common Core State Standards in Mathematics released draft papers that provide in-depth discussion of the domain progressions across grades, highlight connections across domains, elaborate on the learning expectations for students, and provide instructional suggestions.

**AIMS Education Foundation -** 888.733.2467 <http://www.aimsedu.org/>

Hands-on activities to engage students in learning and deepen their understanding of content.

**Illustrative Mathematics -** <http://illustrativemathematics.org/>

This project is collecting sample tasks and problems for the Common Core in mathematics. It also has a hyperlinked version of the standards: http://illustrativemathematics.org/standards.

**Inside Mathematics -** <http://www.insidemathematics.org/>

A professional resource for educators that features [classroom examples](http://www.insidemathematics.org/index.php/classroom-video-visits?phpMyAdmin=NqJS1x3gaJqDM-1-8LXtX3WJ4e8) of innovative teaching methods, insights into student learning, and [tools for mathematics instruction](http://www.insidemathematics.org/index.php/tools-for-teachers?phpMyAdmin=NqJS1x3gaJqDM-1-8LXtX3WJ4e8) that teachers can use immediately, and [video tours](http://insidemathematics.org/index.php/video-tours-of-inside-mathematics?phpMyAdmin=NqJS1x3gaJqDM-1-8LXtX3WJ4e8) of the ideas and materials on the site.

**Tools for Educators -** <http://www.insidemathematics.org/index.php/tools-for-teachers>

**Teaching Channel -** [http://www.teachingchannel.org/videos?categories=topics\_common-core](http://www.teachingchannel.org/videos?categories=topics_common-core%20)

Videos of Common Core ideas and implementation.

**Teaching Math - A Video Library -** <http://www.learner.org/resources/series32.html>

Fifty-two videos of 15-30 minutes in length of elementary teachers in K-4 classrooms.

**K-5 Math Teaching Resources -** <http://www.k-5mathteachingresources.com>

Collection of Standards based lesson plans and centers.

**STATE EDUCATION DEPARTMENTS**

**Arizona**: <https://www.azed.gov/standards/math/2010mathstandards>  
The grade level documents provide “Explanations and Examples” for each standard.

**Hawaii**: [h ttp://www.yuureka.com/resources-1/common-core](http://www.yuureka.com/resources-1/common-core)  
The site includes interpretative guides, grade band domain progressions, and other documents. The grade level Interpretative Guides respond to the prompt, “This means that the student can...” for each standard.

**Delaware**: <http://www.doe.k12.de.us/infosuites/staff/ci/content_areas/math.shtml>  
This site contains prioritized standards, learning progression organizers, and clarification documents, as well as formative assessment probes, universal screeners, and interventions.

**Kansas Association Teachers of Mathematics -** <http://katm.org/wp/common-core/>

**Common Core Flip Books -** <http://katm.org/wp/wp-content/uploads/flipbooks/>

**Maine**: <http://www.maine.gov/education/lres/math/standards.html>  
The site provides a useful organization to access components of the Common Core and includes grade band domain progression documents.

**Massachusetts**: <http://www.doe.mass.edu/candi/commoncore/mathexplore/>  
This provides Exploration Activities to examine the focus, coherence, clarity and rigor of the common core standards and includes presentation slides, facilitator notes, and handouts.

**New York State:** <http://engageny.org/common-core-curriculum-assessments>

**North Carolina**: <http://www.ncpublicschools.org/acre/standards/support-tools>  
The grade level “Unpacked Content” documents include examples and discussion of each standard in response to the question, “What do these standards mean a child will know and be able to do?”

**Ohio**: <http://www.ode.state.oh.us/GD/Templates/Pages/ODE/ODEDetail.aspx?page=3&TopicRelationID=1704&ContentID=83475>  
The grade level model curriculum guides include content elaborations, student learning expectations, instructional strategies, and common student misconceptions.

**Oregon**: <http://www.ode.state.or.us/search/page/?=1527>  
This site contains some short video clips, posters, grade band overviews of domains and clusters, and other documents.

**Wisconsin Department of Public Instruction**

**Wisconsin Standards**: <http://www.dpi.wi.gov/standards>  
**Wisconsin Assessment System**: <http://www.dpi.wi.gov/oea/sbac.html>

**Milwaukee Mathematics Partnership:** <http://www4.uwm.edu/Org/mmp/_resources/ccss_resources.html>

[http://www4.uwm.edu/Org/mmp/\_resources/resources.html](http://www4.uwm.edu/Org/mmp/_resources/resources.html%20)

**ASSESSMENT**

**MARS (Mathematics Assessment Project)** <http://map.mathshell.org/materials/index.php>

Tools for formative and summative assessment that make knowledge and reasoning visible, and help teachers to guide students in how to improve, and monitor their progress. **Classroom Challenges:** lessons for formative assessment, some focused on developing math concepts, others on non-routine problem solving.

**Professional Development Modules:** to help teachers with the new pedagogical challenges that formative assessment presents.

**Summative Assessment Task Collection:** to illustrate the range of performance goals required by CCSSM.

**Prototype Summative Tests:** designed to help teachers and students monitor their progress, these tests provide a model for examinations that may replace or complement current US tests.

**PARCC Consortium**: <http://www.parcconline.org/>  
The Partnership for Assessment of Readiness for College and Careers (PARCC) is a consortium of 24 states developing a common set of assessments in English and mathematics aligned to the common core standards.

**Dana Center at UT Austin -** <http://www.ccsstoolbox.org/>

This site offers examples of the types of innovative assessment tasks that reflect the direction of the PARCC summative assessments.

**SMARTER Balance Assessment Consortium (SBAC):** <http://www.k12.wa.us/SMARTER>   
The SMARTER Balance Assessment Consortium (SBAC) is a consortium of 30 states, including Wisconsin, that are collaboratively developing a student assessment system aligned to the common core standards.

**MISCELLANEOUS RESOURCES**

**Map of State Adoption**: <http://www.ascd.org/public-policy/common-core-standards.aspx>  
This site shows which states have adopted the Common Core State Standards.

**Mathematical Practices Diagram**: <http://commoncoretools.files.wordpress.com/2011/03/practices.pdf>  
This graphic shows a higher-order structure for the eight Standards for Mathematical Practice.

**Mathematical Practices Posters:** <http://departments.jordandistrict.org/curriculum/mathematics/elementary/CCSSM6/SMPposters.pdf>

**Mathematical Practices Student Proficiency Matrix:** <http://www.mathleadership.com/sitebuildercontent/sitebuilderfiles/standardsoftudentpracticeinmathematicsproficiencymatrix.pdf>   
This document is a tool for considering student proficiency of the Standards for Mathematical Practice from initial to intermediate to advanced performance.

**Domains and Clusters by Grade Bands**: <http://coedpages.uncc.edu/abpolly/math/core/broad-overview.pdf>  
Document lists the clusters by domain across K-8 grade bands in a continuum format.

**Building the Language of Mathematics for Students**: <http://coedpages.uncc.edu/abpolly/math/core/core-vocab.pdf>  
This resource suggests key mathematical language for each of the K-5 Common Core domains.

**EDC Think Math Information Exchange:** <http://thinkmath.edc.org/index.php/CCSS_Mathematical_Practices>  
This is an open-source, active, growing, free resource, serving K-8 education communities. This link takes you directly to the discussion of the Standards for Mathematical Practices in elementary school with easy to grasp explanations and examples.

**St. Clair County Regional Educational Service Agency** <http://www.sccresa.org/toolsforschools/commoncore/>  
Tools for educators related to the Common Core State Standards.

**Videos About the Common Core** <http://www.youtube.com/user/TheHuntInstitute#p/u/0/9IGD9oLofks>  
Short videos feature the lead writers discussing the standards. The collection of almost 20 math videos include general discussions of coherence, focus, mathematical practices, and more, as well as specific topics (e.g., fractions in grades 3-5, fluency, ratio and proportions in grades 6-8).

**Virginia Dept. of Education-has NOT adopted Common Core State Standards**

Math instructional units

[**http://www.doe.virginia.gov/testing/sol/standards\_docs/mathematics/index.shtml**](http://www.doe.virginia.gov/testing/sol/standards_docs/mathematics/index.shtml)

**EMATHS:**  [**http://www.misd.net/Mathematics/EMATHS.htm**](http://www.misd.net/Mathematics/EMATHS.htm)

**Very Dan Meyerish**  [**http://robertkaplinsky.com/lessons/**](http://robertkaplinsky.com/lessons/)

**Nspire: TI Math Nspired**

[**www.mathnspired.com**](http://www.mathnspired.com/)

**TI-84: TI Math**

[**www.timath.com**](http://www.timath.com/)

**BLOGS**

**Tools for the Common Core Standards**: <http://commoncoretools.wordpress.com>  
Bill McCallum, one of the lead authors of the *Common Core State Standards for Mathematics,* shares news about tools to support implementation of the common core.

**Tad Watanabe-Georgia Performance Standards**: <http://mathgpselaboration.blogspot.com>  
This blog by Tad Watanabe provides an interpretation and elaboration of the Common Core State Standards adopted in Georgia.

**Sine of the Times**: <http://blog.keypress.com>  
The blog authors discuss current issues and topics in mathematics education.

**Co-Creating Solutions**: <http://ctlonline.org/blog/?tag=mathematics>  
A CTL-sponsored blog to encourage and support professional conversation about teaching and learning.