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Resources

For Everyone

[Weekly Field Memo](#)

Sign up for the Weekly Field Memo to get updated educational information from the Vermont Agency of Education.

[Smarter Balanced Newsletter](#)

This link takes you to the Vermont Agency of Education Smarter Balanced Assessment Consortium (SBAC) newsletter with updated information for this 2017-18 school year.

[Youcubed](#)

Mission Statement-

Our main goal is to inspire, educate and empower teachers of mathematics, transforming the latest research on math into accessible and practical forms. We know from research how to teach math well and how to bring about high levels of student engagement and achievement but research has not previously been made accessible to teachers.

[Mathematics Assessment Project](#)

The project set out to design and develop well-engineered tools for formative and summative assessment that expose students' mathematical knowledge and reasoning, helping teachers guide them towards improvement and monitor progress. The tools are relevant to any curriculum that seeks to deepen students' understanding of mathematical concepts and develop their ability to apply that knowledge to non-routine problems.

Elementary and Middle School Levels

[Unpacking the Common Core State Standards \(CCSS\)](#)

This is a K-8 resource put out by the North Carolina Public Schools system that unpacks the CCSS by grade level.

[Progressions Project](#)

The Progressions Project, by the writers of the CCSS, provides a roadmap as to how expectations for students develop within a domain in the standards.

[Illustrative Mathematics](#) is developing a new 6-8 math curriculum.

[CCSS Math Activities](#)

- Large bank of performance tasks Grades 2-12
- Plus much more...worth taking a peek
- This website has been developed to support teachers striving to increase student achievement in mathematics through targeted and engaging instruction.

[Concepts and Fluency through Games](#)

Directions

- Choose your grade level
- Then choose instructional resources
- Half way down the instructional resources' page is the download for games
- There are other great resources here too
- This is a huge resource with endless places to search

[My Favorite No: Learning from Mistakes](#)

Grades 6-8 Math Warm-up Activity to deepen understandings and discourse

[Mathematics: Focus by Grade Level](#)

The Common Core and other college- and career-ready (CCR) standards call for a greater focus in mathematics. Rather than racing to cover topics in a mile-wide, inch-deep curriculum, CCR standards require us to significantly narrow and deepen the way time and energy are spent in the math classroom. This site focuses deeply on the major work of each grade so that students can gain strong foundations: solid conceptual understanding, a high degree of procedural skill and fluency, and the ability to apply the math they know to solve problems inside and outside the math classroom.

High School Math Resources

[CCSS for Mathematics Appendix A](#)

Designing High School Mathematics Courses Based on the CCSS

North Carolina Public Schools: [High School Math Resources](#)

[Focus in High School Mathematics: Reasoning and Sense Making](#): NCTM

- Executive Summary of book
- PowerPoint presentation- Overview
- PowerPoint guidelines
- Policy Maker's Guide
- Administrator's Guide
- Teacher's Guide
- Parent's Guide
- Student's Guide