

Videos for Teachers and Parents:

Understanding the expectations of the CCSS in Math

(Descriptions are above the link.)

*The videos in this collection highlight several CCSS in math per grade level. Watch to gain a better understanding of the standards and the expectations for your child in the highlighted areas.

http://secc.sedl.org/common_core_videos/

*From the video series, "Let's Chat Core"~video clip entitled, "Beyond Right Answers: Math and the CCSS". Learn about how focus, coherence, and rigor come into play in your child's math classroom. How has math instruction changed over the past few years, and why?

<https://www.teachingchannel.org/videos/teaching-math-ccss>

*Watch a typical first grade math lesson. See how the teacher promotes math discourse and reasoning with mathematics with her students. Math can also be a great avenue for creativity. Students are making a leprechaun trap using base 10 concepts. What fun!

<https://www.teachingchannel.org/videos/grade-1-math>

*Listen to and see how a second grade teacher uses computer programs to differentiate instruction. How does the use of technology increase student engagement? Take a look! We also use Dreambox for intervention and enrichment students here at Glade, as students are shown using in the video.

<https://www.teachingchannel.org/videos/differentiating-in-math>

*The link below will take you to a collection of videos entitled: Teaching Math: A Video Library K-4. There are 52 videos that show teachers and students using Standards of Mathematical Practice, generating math discourse, and finding multiple ways to solve real-world problems. All video content connect to NCTM (National Council of Teaching Mathematics) process standards.

<http://www.learner.org/resources/series32.html?pop=yes&pid=875>

*Dr. David C. Geary, Ph.D. explains the "Concepts behind the Operations for Fractions". What are fractions so difficult for students to learn? What are common misconceptions that student have regarding fractions?

<https://sites.google.com/site/emstlonline/dww/developing-effective-fractions-instruction-for-k-8/the-concepts-behind-operations-expert-interview>

*Watch a video to see how third graders reason about multiplication and division. What is the relationship between the two operations? What patterns do you notice when you multiply or divide? Students communicate with one another and defend their own thinking about numbers and quantities.

<https://www.teachingchannel.org/videos/multiplication-division-in-the-core>