

Course Description

The Math Connections course is designed to integrate proven research-based strategies that are effective in increasing achievement for struggling learners by addressing the measurable gaps in a learner's math fluency, computation, conceptual understanding, and problem-solving skills that are needed to meet grade level expectations, as well as to ensure success across content area classes.

Using Direct Instruction tailored to each student's identified areas of need and *i-Ready*, a web-based intervention learning system for assessment and individual instruction & support. The goal of the class is to:

- Help students master key mathematical standards*
- Support academic language development
- Raise achievement on standardized test
- Reach diverse students through differentiated instructional techniques

*Please see curriculum outline for specific topics and standards at <https://www.georgiastandards.org/Georgia-Standards/Pages/Math-6-8.aspx>

Expectations:

- Students are expected to be present and positive, and to participate in class daily.
- Students should bring their composition notebook, pencils, and colored pencils to class EVERY DAY.
- Students are expected to work individually in the on-line platforms and complete work on time
- Students should use their agenda to record important information and facilitate communication between parents and teachers.
- Students are expected to complete a minimum of 60 minutes in *i-Ready* each academic week.

Grading and Assessment

Students will be assessed in three component areas:

- Math Fluency & basic facts through their *i-Ready* program performance
- Grade Level Standards through formative assessments
- Math Problem Solving using individual and collaborative grade level tasks

Progress Reports/Report Cards: CMS sends home academic progress reports every four weeks and report cards every nine weeks. Please review your child's progress when reports are sent home.

At Home Support

Students will be required to complete a minimum of 60 minutes in *i-Ready* each week. They will be given at least 60 minutes in class to complete the requirement. *i-Ready* can be accessed from home in the event that a student is absent and/or falls behind in their on-line assignments.

Classroom Resources

Students should access on-line platforms through their Clever portal.

i-Ready – <https://login.i-ready.com>

i-Ready is an online program that provides students of all ages with differentiated instruction and supports them on their individual paths to success.

Delta Math Delta Math is set up so that problems are randomized, allowing students multiple opportunities to get the practice and feedback they need on the road to mastery. <https://www.deltamath.com/>

Khan Academy With practice exercises, instructional videos, and a personalized learning dashboard, Khan Academy empowers learners to study at their own pace, both in and out of the classroom. Covering subjects from kindergarten through early college, including math, science, reading, computing, history, art history, economics, financial literacy, SAT, MCAT, and more, Khan Academy focuses on skill mastery to help learners build the strong foundations they need to succeed in higher education and in their careers. <https://www.khanacademy.org/>

My Commitments:

- I am committed to building positive relationships with students and their families.
- I am committed to creating a structured and active learning environment for students.
- I am committed to providing varied opportunities for students to achieve their fullest potential.
- I am committed to teaching and learning like a CANE every day!

Building Legacies . . . One Student at a Time

Communication

If you have a question or concern, please contact me by agenda/note, phone (770-382-3666), or email (anna.schoenberg@cartersvilleschools.org). Grade and assignment information can be accessed through Infinite Campus (please contact the front office if you need your login information). Additional information can also be located on my teacher webpage.

Parent Signature: _____

Printed Name: _____

Parent/Guardian Email (please print clearly):
