



Math, Language Arts, Science, Social Studies

Ms. Cheryl Smiley
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Course Description and Objectives

Math

The Georgia Mathematics Curriculum focuses on actively engaging the students in the development of mathematical understanding by using manipulatives and a variety of representations, working independently and cooperatively to solve problems, estimating and computing efficiently, and conducting investigations and recording findings. The major goals of our department include helping students to:

- Make sense of problems and persevere in solving them
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

In **Grade 2**, instructional time should focus on four critical areas: (1) extending understanding of base-ten notation; (2) building fluency with addition and subtraction; (3) using standard units of measure; and (4) describing and analyzing shapes.

Language Arts

Second graders begin to read more with accuracy and fluency. Having a firmer grasp on phonics, second graders begin more complex word studies. They begin to read longer, more complex texts, including chapter books. They continue to read every day and have books read to them. Writing becomes more independent for second graders as they write in a variety of genres. Students become much more conscientious about editing and revising their work. Second graders begin to use more symbolic language, such as concepts (courage, freedom, time, seasons), in their writing and verbal interactions. Conventions become a part of the everyday writing experience for second graders. They learn important parts of speech and how to manipulate language to suit their contexts. They expand sentences and learn new sentence structures and the punctuation that occurs with them. Their written and spoken language becomes much more complex. Second graders show evidence of a vastly expanding language repertoire, including the use of a variety of language registers. They engage in a variety of language and literary activities as they gain independence and mastery of reading, writing, speaking, and listening. While the Second Grade GSE make clear specific expectations for reading, writing, speaking, listening, and language, these standards need not be a separate focus for instruction. Often, several standards can be addressed by a single rich task.

Science

The Second Grade Georgia Standards of Excellence for science engage students in raising questions and seeking answers about the world around them by making observations and exploring phenomena. At the appropriate times, students will ask, "How do you know?" and will attempt to answer the question. They will



use whole numbers as well as basic fractions (such as one-half and one-fourth) to identify and analyze scientific data. Second graders will find sums and differences of single digit numbers and then justify the answer. They will give rough estimates to problems and estimate lengths, weights, and time intervals. They will explain to others how to solve numerical problems related to a science activity.

Second grade students push, pull, and manipulate things to see what will happen. They study the changing patterns of the moon and the sun and its effects on Earth. Second graders conduct simple investigations to understand that no matter how parts of an object are assembled their overall weight is the same as the total weight of the parts. They understand that heating and cooling cause changes in the properties of the materials. They observe changes caused by weather, plants, animals, and humans to the environment and study the life cycle of different organisms.

Social Studies

In second grade, the various social studies strands become interwoven with the historical strand. The history strand focuses on important historical figures in Georgia and the Creek and Cherokee cultures in Georgia. The geography strand emphasizes the geography of Georgia and relates to the historical study. In addition to the positive character traits of the individuals and groups in the historical strand, the basic concept of government is also introduced. Basic economics concepts continue to be introduced.

Textbooks

Math – enVisions Math
Language Arts – Foundations
Science – Georgia Science
Social Studies – Studies Weekly

Unit/Concept Names

Math

Unit 1: Extending Base Ten Understanding
Unit 2: Fluent with Addition and Subtraction
Unit 3: Understanding Measurement, Length, Time
Unit 4: Applying Base Ten Understanding
Unit 5: Understanding Plane and Solid Figures
Unit 6: Developing Multiplication
Unit 7: 3rd Grade Preview

Language Arts

Unit 1: How do we communicate?
Unit 2: How do you learn about a topic?
Unit 3: What makes a good story?
Unit 4: What's the main idea?
Unit 5: Why was that an interesting story?
Unit 6: What is the connection?
Unit 7: How are the stories alike and different?
Unit 8: How are the texts alike and different?



Science

Unit 1: Matter
Unit 2: Force and Motion
Unit 3A: Astronomy: Day and Night Sky
Unit 3B: Astronomy: Stars
Unit 4: Needs of Living Things
Unit 5: Grade 3 Unit 1 Preview

Social Studies

Unit 1: Our Georgia
Unit 2: Georgia's First People
Unit 3: Georgia Becomes a Colony
Unit 4: Georgians and Civil Rights
Unit 5: Georgia Leaders
Unit 6: Preview to Grade 3

Major Course Projects and Instructional Activities

At least one project will be assigned each grading period. This will be an extension or enrichment of the concepts discussed. Students will have 1 to 3 weeks to complete each project depending on the complexity of the task.

Course Assessment Plan

Students will receive both formative and summative assessments during the school year. Formative assessments include teacher observations, quizzes, class assignments, math projects and chapter/unit pre/posttests. Summative assessments include benchmark tests for the Georgia Milestones Assessment System, I-ready, as well as the final test which will be administered in the spring of 2021.

Students will receive a variety of assignments designed to enhance their learning. If a student is absent, the student is responsible for the missed assignment. Students who have an excused absence will be allowed five days to turn in the missed assignment. No work will be accepted after five days.

Evaluation (Schoolwide Grading Policy)

- Summative Assessments 40% (Unit & Chapter Test, Projects, Tasks)
- Formative Assessments 50% (Quizzes, Class work, Graded Writing Assignments, Group Work, etc.)
- Homework/Other 10% (assigned at teacher's discretion)

Grade 2 Evaluation: All Subjects are graded on a 1 – 4 Rubric Scale –

ND – Not Demonstrated
NA – Not Available
1 – Developing
2 – Approaching
3 – Mastered
4 – Exceeds



Classroom Procedures & Expectations

Writing is an essential part of the learning process. It is expected that each student will write in each subject area. Constructed responses will be a part of each assignment. This will prepare students for the written portion of the Georgia Milestone Assessment at the end of the year. To be successful, you must practice throughout the year. Intervention activities will take place as needed. Formative and Summative assessments will be given throughout the school year.

The overarching expectation in this class is RESPECT: respect for yourself, respect for other students, respect for the teacher/or any individual in authority, and respect for any guests that may enter our class. Although this encompasses all other expectations, I will outline several others for the sake of clarity.

- 1) Always Try YOUR BEST!!! I will not settle for anything but your best!!
- 2) Have the "I can do it" attitude! Stick To It and Don't Give Up!
- 3) Quietly be seated with all required materials and supplies when class begins.
- 4) Complete all assignments on time.
- 5) Listen while others are speaking.
- 6) Respect each other's opinions, space, and belongings.
- 7) **Remain in control of your own actions...be proactive, not reactive.**

Course Materials

- 2 Composition Notebooks for Interactive Notebooks
- Pencil Box
- Basic Function Calculator
- Black Ink Pens
- Pencils (NO MECHANICAL PENCILS PLEASE)
- Box of Colored Pencils
- Washable Markers
- Glue Sticks
- Standard 12" Ruler with Inches and Centimeters

My contact information:

Email: ThompYv@boe.richmond.k12.ga.us

Remind: @c9df9b

Resources:

Flocabulary.com
BrainPop.com
thatquiz.org
iReady.com
Classdojo.com
First in Math
MyOn