

# Welcome to 2nd Grade!



# Mathematics



- **Estimation:** Makes reasonable estimates to solve word problems by rounding to the nearest ten up to 1000.
- **Fractions:** Relates fractions to concrete models and pictures (thirds, sixths, eighths, and tenths)
- **Geometry:** Identifying 3-D shapes, lines of symmetry, and shapes that can be put together to create new shapes

- **Measurement:** Measures length to the nearest centimeter, meter, inch, foot, and yard and makes comparisons.
- **Time:** Tells time to the nearest quarter hour and five minutes
- **Graphs:** Creates and interprets bar graphs, charts, and tables.
- **Place Value** - Identifies, recognizes, and writes the place value of any four-digit number or higher using diagrams, models, and number sentences (ex. expanded notation)

- **Money:** Counts back change to \$5.00, uses decimals and symbols to represent a collection of bills and coins.
- Orders and locates numbers on a **number line**.
- **Sequencing:** predicts/completes complex patterns of numbers, shapes, colors, and events.
- **Numerical Relationships:** uses appropriate symbols (+, -, <, >, =, ≠)

- **Problem Solving:** solves one and two step word problems using strategies such as drawing a picture, guess and check, or making a chart
- **Even and odd numbers**
- **Addition and Subtraction:**
  - Determines facts using near doubles, making ten, known facts, etc.
  - Recalls basic facts with sums to 20
- **Multiplication and Division**
  - Uses concepts of multiplication and division.

# PHONICS



# Phonics

- Student applies phonetic strategies to read
  - uses initial consonant substitution in rhyming words and word families.
  - uses beginning, medial, and ending consonants to orally decode words.
  - uses short, long and “r” controlled vowel sounds to orally decode words
  - uses consonant blends, digraphs, and diphthongs to orally decode words.



# WRITING AND ENGLISH



# Handwriting



Prints legibly:

- ✓ correctly forms letters and numbers
- ✓ correctly spaces words and sentences

# Writing

Each quarter the students will focus on a different genre of writing.

The pieces must have a clear focus, be organized, and written for a certain audience .

- \* Quarter 1-Narratives
- \* Quarter 2- Response to text (lit.)
- \* Quarter 3-Persuasive
- \* Quarter 4-Informational/Expository



**The written piece must have ...**

**correct principles of grammar:**

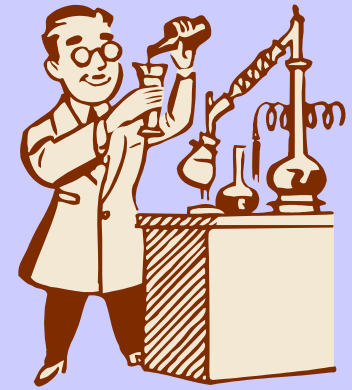
- ✓ writes complete sentences
  - ✓ uses correct capital letters
  - ✓ uses correct punctuation
  - ✓ applies correct rules of usage and expression
  - ✓ uses available technology to assist in writing
- \* All grade levels will be teaching the research-based 6 + 1 Writing Traits. Students will learn to focus on Ideas, Sentence Fluency, Conventions, Word Choice, Voice, and Organization to improve their writing.**

# English

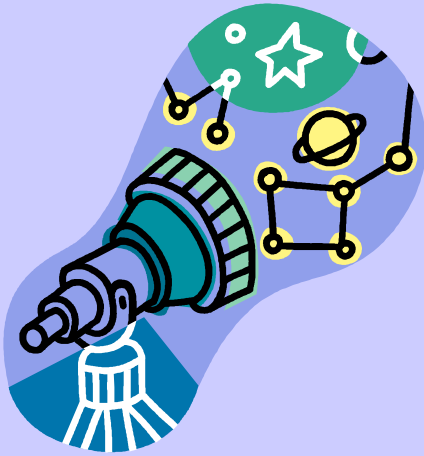
- Students will learn about nouns, verbs, subjects, predicates, and adjectives
- Types of sentences: telling, asking, commanding, and exclamatory
- Other parts of sentences: Subjects (Naming Parts) & Predicates (Telling Parts)



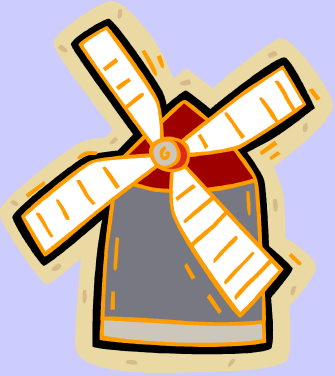
# Science



# Earth Science



- **Weather Patterns** – Observe and record changes in their surroundings and infer the causes of the changes
- **Motions in the Sky** – Investigate the position of sun and moon to show patterns throughout the year. Understand that stars have different sizes, brightness, and patterns.



# Physical Science

- Investigate the properties of matter and changes that occur in objects
- Identify sources of energy and how the energy is used
- Demonstrate changes in speed and direction using pushes and pulls





# Life Science

- **Plant Life Cycles** – Investigate and record the life cycle of a plant. Identify fungi (mushrooms) as living organisms. Relate seasonal changes of a tree throughout the year.
- **Animal Life Cycles** – Determine the sequence of the life cycle of a mammal such as a cat or dog, a bird such as a chicken, an amphibian such as a frog, and an insect such as a butterfly.

# READING



# Reading



In second grade we work to develop the students independent reading skills. We do this by increasing their vocabulary in context, work on comprehension skills at grade level, continuing to increase the number of frequency, and develop fluency in their reading.

Using the standards based report card we will evaluate their reading ability by how they...

- Identify frequency words
- Read vocabulary in context
- demonstrate comprehension of grade level text and
- demonstrate fluency in reading



# Accelerated Reader (AR)



- Star tests will be given to determine students' reading ranges (ZPD range).
- Students should read within their reading range and take test on AR books to earn their points. (required pts. next slide)
- Students must score 70% or higher on each test to earn points. Anything below 70% does not count.
- AR books are also read aloud in class by the teachers and students can take test on them as well.
- Books are available in the media center and in the classrooms.





## 2<sup>nd</sup> Grade Points Goals

### Required Points

### Reward for Meeting Goal

Quarter 1: 7 pts. Name on AR Wall & Trip to AR Store

Quarter 2: 11 pts. Trip to AR Store

Quarter 3: 12 pts. Trip to AR Store

Quarter 4: 8 pts. Trip to AR Store

Meeting Goal all 4 Quarters: Reading Medal



### **Accessing List of AR Books**

[www.forsyth.k12.ga.us](http://www.forsyth.k12.ga.us) – select Chattahoochee Elem. &  
Student Services & Media Center & on left side –  
Accelerated Reader

# Social Studies



# Georgia, My State





# ❖ History



- Identify contributions made by historic figures
- Describe how everyday life of historical figures was similar to and different from present life
- Describe regions in Georgia where Creeks and Cherokees lived and how they used local resources
- Compare and contrast Georgia Creek and Cherokee cultures of the past to Georgians today



## ❖ **Government/Civics**

- Define the concept of government & need for laws
- Identify the roles of elected officials: President, Governor, Mayor
- Give examples of how historical figures demonstrated positive citizenship
- Identify national and state capitol buildings by locating them on appropriate maps

## ❖ **Economics**

- Explain that because of scarcity, people must make choices and incur opportunity costs
- Identify ways in which goods and services are allocated
- Explain that money is usually used to obtain goods and services and how this is easier than bartering
- Describe the benefits of personal spending and saving choices

# ❖ Geography



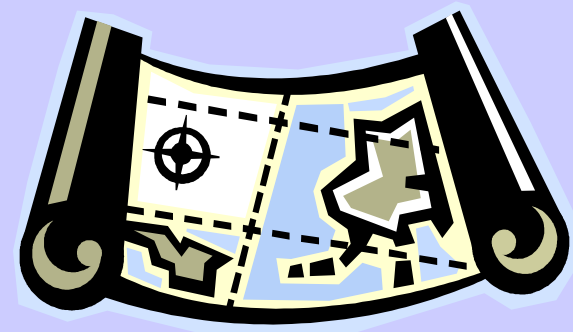
- Locate geographic regions of Georgia: Blue Ridge Mtns., Piedmont, Coastal Plain, Ridge & Valley, Appalachian Plateau
- Locate major rivers in Georgia: Ocmulgee, Oconee, Altamaha, Savannah, St. Mary's, Chattahoochee, and Flint Rivers
- Describe cultural and geographic systems of historical figures: Creek and Cherokee Indians

## ❖ Map and Globe Skills



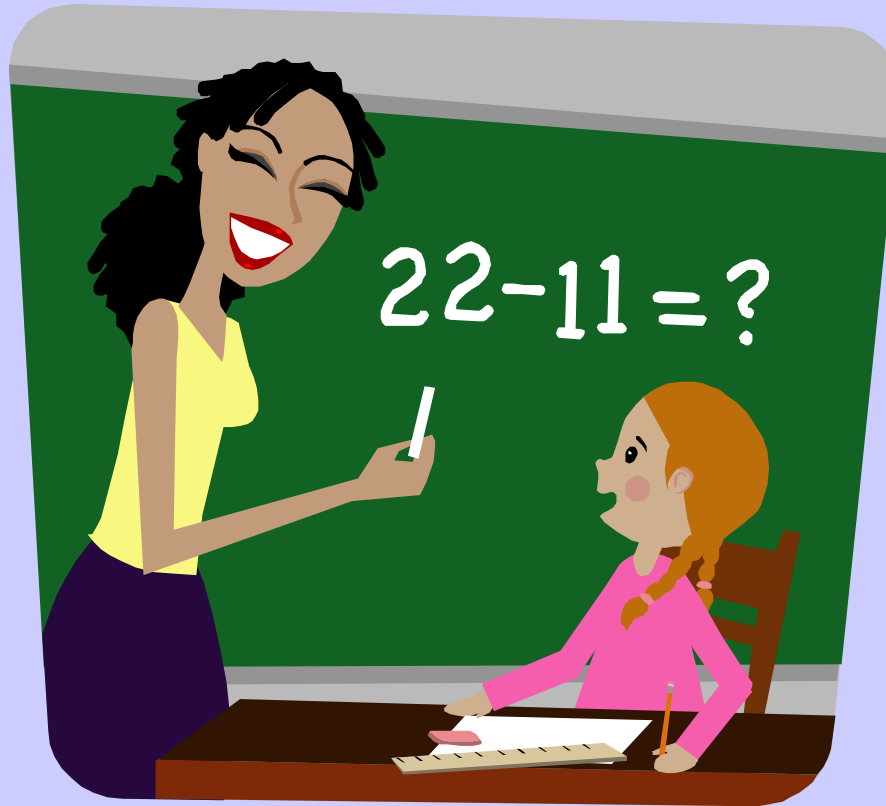
Use cardinal directions, determine distance on a map, describe characteristics of landforms, define poles, equator, and hemispheres

## ❖ Study Skills



Use pictures, graphs, timelines, maps, globes, and calendars to obtain information

# CHAMP CHALLENGE





# CHAMP CHALLENGE

- Champ Challenge –Chattahoochee’s Response to Intervention (RTI)
- Champ Challenge is a 35 minute instructional block every morning from 7:50-8:25 a.m.
- All students in the school participate in research based enrichment or remediation activities.

# Grading & Reporting

- All grade levels will be providing a grading rubric each quarter to show how grades are given. The Georgia standards are listed along with what the student has to master in order to obtain a 3 on their report card in each area. Please keep these sheets in the back of your child's folder for easy reference.

Thank you

for coming!