



Second Grade Instructional Plan for Stemscopes Math & SAAVA Science: First Semester

Course Overview

Welcome to Second Grade! This first semester will be an exciting time for your child. Students will be introduced to foundational academic concepts in math, as well as explore science. In math we will focus on representing numbers to 1,200 and numbers on a number line. In science we will focus on science engineering design process and physical properties of matter and mixtures. Through hands-on learning, explicit instruction, and structured routines and activities, students will be supported as they transition into a school environment that nurtures curiosity, independence, and confidence.

Throughout the year in math students will learn:

- Compare & Order numbers
- Add & Subtract two-digit numbers
- Addition & Subtraction of three digit numbers
- Money
- Time
- Create two-dimensional shapes
- Three-Dimensional Solids
- Adding & Subtracting problem solving fractions
- Length
- Multiply & Divide
- Area
- Data
- Personal Financial Literacy

Throughout the year in science students will learn:

- Force & Motion
- Sound Energy
- Objects in the sky
- Weather
- Natural Resources
- Organism & Environments
- Life Cycles
- Structures and Behaviors of Organisms

Contact Information

Teacher Name: Leticia Moreno

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Classroom Expectations

Our classroom is a safe learning place, which encourages teamwork, positive feedback, and academic achievement. All students will be respectful to others. We will be good listeners to the teacher and to other's ideas. All students will be hard working contributors in the process of getting their education in order to be successful and reach their full potential.

Expectation 1: Be respectful

- Use appropriate voice level
- Raise your hand, and wait your turn to speak



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- Listen to all instructions and directions
- Stay in your seat and wait for teacher permission

Expectation 2: Be responsible

- Complete all assigned tasks
- Be prepared: Have all necessary materials

Expectation 3: Be safe

- Always keep your hands and feet to self
- Walk at all times
- Report problems to an adult

Expectation 4: Be ready to learn and try your best every day

- Come to class on time
- Prioritize daily attendance

Positive reinforcement and clear routines will help students learn and meet these expectations. If expectations are not met, the teacher will first reteach and remind the student(s) of expectations. If a student continues to fail to meet expectations, they will be redirected, then parents will be contacted. If a student is unable to meet expectations after these preventative measures, an office referral will be made.

Attendance Policy & Its Importance

Regular attendance is vital to your child's academic development. Second grade is a pivotal year in math - students move from learning to read to reading to learn. When students attend daily, they stay current with new skills, deepening their knowledge of the world, develop thinking skills, and practice important habits that support lifelong learning.

Please notify the school if your child will be absent. Frequent or extended absences may make it more difficult for your child to learn necessary foundational skills that ensure student success this year and in future school years.

Learning Objectives

By the end of the first semester, students will be able to:

Using STEMscopes students will develop math skills such as:

- Comparing whole numbers, the relative position and magnitude of whole numbers, and relationships within the numeration system related to place value.
- Develop and use strategies and methods of whole number computations in order to solve addition and subtraction problems with efficiency and accuracy.
- Determine the value of coins in order to solve monetary transactions.
- Analyze attributes of two-dimensional shapes and three-dimensional solids to develop generalizations about their properties.
- Apply the mathematical process standards to select and use units to describe length, area, and time.
- Organize data to make it useful for interpreting information and solving problems.



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Using SAAVAS students will develop science skills such as:

- The student will know that matter has physical properties that determine how it is described, classified, changed, and used.
- The student will know that forces cause changes in motion and position in everyday life.
- That energy is everywhere and can be observed in everyday life.
- Recognizable patterns in the natural world and among objects in the sky.
- That the natural world includes earth materials that can be observed in systems and processes.
- The student knows that earth materials and products made from these materials are important to everyday life.
- The student knows that living organisms have basic needs that must be met through interactions within their environment.
- Organisms have structures and undergo processes that help them interact and survive within their environments.

Course Resources

- Chromebook (provided by Midland ISD)
- Journals and writing utensils (part of the school supply list)
- STEMscopes, SAAVAS, iXL and i-Ready

Grading Policy

Teachers are expected to use a variety of types of student work performance to assess student achievement. Second Grade teachers will provide students with feedback about their assessments and assignments. The following guidelines should be observed:

- a. Second Grade students will receive verbal feedback/praise about their work.
- b. Parents will be notified through a parent teacher conference of any academic concerns.
- c. Student progress and assessment data is confidential and should be treated accordingly.

Teachers will also share assessment results with parents during parent-teacher conferences. Teachers will conference with parents a minimum of once per semester to review progress, discuss assessment results, and to review the Standards Performance Report.

Class DoJo (School-wide System of Communication)

Our campus uses ClassDoJo to communicate with families. Please ensure you join our class for important updates. PBIS will be used for discipline.

Please feel free to reach out with any questions or concerns. We are excited to work together to make this a successful year of learning!

Please fill out the portion below and return this portion to your teacher.

We acknowledge that we have read and that we understand the expectations in Second



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Grade Stemscores math and SAAVA science. We agree to contact the teacher should we have any questions or concerns regarding this instructional plan.

Parent Name: _____

Student Name: _____

Cell Phone Number: _____

E-Mail: _____

Parent Signature : _____

Student Signature: _____

Date: _____