



WELCOME TO BISHOP ELEMENTARY

3rd Grade Math & Science



Class Overview

Welcome to 3rd grade math and science! This year, students will grow as problem solvers, critical thinkers, and young scientists. In math, we will build strong number sense and explore multiplication, division, fractions, measurement, geometry, data, and real-world problem solving. In science, students will investigate matter, energy, forces, Earth and space, environments, and living things through hands-on learning and exploration. Our goals is to build confidence, encourage curiosity, and help every student develop the skills needed for a successful year.

Math- What we'll Learn:

- **Mathematical Processes (3.1A-G)**
Problem solving, models, tools, reasoning, communication, and explaining mathematical thinking.
- **Place Value (3.2A-D)**
Read, write, compare, order, compose, and decompose numbers through 100,000.
- **Fractions (3.3A-H)**
Represent, compare, and locate fractions; understand equivalent fractions.
- **Addition & Subtraction (3.4A-B)**
Add and subtract whole numbers and solve one- and two-step problems.
- **Multiplication & Division (3.4D-K; 3.5B-D)**
Build fact fluency; use arrays, equal groups, models, and related facts.
- **Algebraic Reasoning (3.5A,E)**
Represent problems with equations, tables, and patterns.
- **Geometry (3.6A-E)**
Classify figures, analyze attributes, decompose shapes, and find area.
- **Measurement (3.7A-E)**
Length, volume, mass/weight, time, perimeter, and area.
- **Data Analysis (3.8A-B)**
Read and interpret tables, dot plots, pictographs, and bar graphs.
- **Financial Literacy (3.9A-F)**
Earning, spending, saving, credit, and financial choices.

Science- What we'll Learn:

- **Scientific & Engineering Practices (3.1-3.4)**
Ask questions, conduct safe investigations, use tools/models, analyze data, and explain findings.
- **Recurring Themes (3.5A-G)**
Patterns, cause/effect, scale, systems, energy/matter, structure/function, and change.
- **Matter & Energy (3.6A-D)**
Physical properties, states of matter, heating/cooling, and combining materials.
- **Force & Motion (3.7A-B)**
Pushes, pulls, gravity, magnetism, position, and motion.
- **Energy (3.8A-B)**
Light, sound, thermal, and mechanical energy; speed and mechanical energy.
- **Solar System (3.9A-B)**
Sun-Earth-Moon relationships and the order of the planets.
- **Earth & Weather (3.10A-C)**
Weather, soil formation, volcanoes, earthquakes, and landslides.
- **Natural Resources (3.11A-C)**
Uses of resources and conservation: reduce, reuse, recycle.
- **Organisms & Environments (3.12A-D)**
Migration, hibernation, food chains, environmental change, and fossils.
- **Structures & Life Cycles (3.13A-B)**
Animal structures for survival and plant/animal life cycles.

Contact:

Phone: (361) 584- 3571
Email: gtamez@bishopcisd.net
Conference time: 12:25p.m- 1:10p.m

Reminders:

- **Attendance Matters:** Please make sure that your child is at school every day and on time.
- **Graded Work:** Check your child's folder daily for notes and completed work.
- **Communication:** I'm always happy to help! Please reach out if you have any questions or concerns.

Grading Policy:

Formative

- Daily Participation
- Classwork/ Homework
- Quizzes
- Classwork
- Projects/ Activities

60%

Summative

- Tests
- Projects
- End-of-unit Assessments

40%

GO BADGERS!