

7th Grade Science

Ms. Tiffany Garcia



Class Description

Welcome to 7th Grade Science! Students will study concepts from life science, earth and space science, chemistry, physics, engineering, and environmental science throughout the year. Through hands-on activities, labs, discussions, and investigations, they will build critical thinking and problem-solving skills while learning how science connects to everyday life. My goal is to create a classroom where curiosity is encouraged, questions are welcomed, and students feel confident exploring new ideas as young scientists. I look forward to a fun, engaging, and successful school year working together with students and families!

Grading Policy


Classwork - 40%
Quizzes/Projects - 20%
Tests - 40%

Late Work Policy

To be regarded on time, work must be completed and turned in by the beginning/end of the period on the day it is due.

If work is late (except for an excused absence)

- 1 day late = highest possible grade is an 80
- 2 days late = highest possible grade is a 70
- 3 days late = highest possible grade is a 60
- 4 days late to 4 weeks late = highest possible grade is a 50
- Any assignments turned in 4 weeks late, will result in a 0

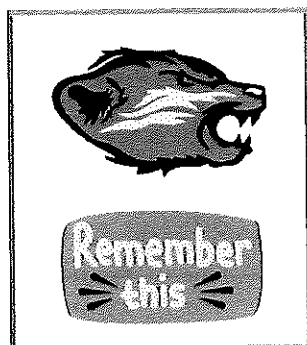
Cell Phone Policy

Cell phones must be turned off and put away in backpacks. (see district policy for more information)

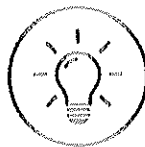
Remember this is a state law.

Supplies

Colored Pens	Pencils	Scissors
Headphones	Colored Pencils	Glue Sticks



Be confident!



Be curious!



Be persistent!



Be engaged!

General Conduct & Discipline Policy

Students are expected to behave in class and online in a polite, respectful manner that does not disrupt the learning environment of others. In addition to being respectful of others, students should be on time, on task, and prepared to learn every day. Take responsibility for your own learning and have a positive attitude. Always do your best and encourage those around you to do the same! The following are some possible consequences for inappropriate behavior:

- Conference with teacher, student, and/or parent/guardian.
- Loss of privileges, detention, or in-school suspension.
- Referral to campus administration

Daily Expectations	Lab/Investigation Expectations
• No backpacks or gym bags at the seats. Students are to take out what they need and put bags in their designated area. • No eating during class time. • No drinks except water in a container w/lid. • No students opening the door for anyone who knocks. • No students leaving their seat without permission Follow any and all rules outlined in the student handbook & code of conduct.	• Respect for Materials: Students are expected to use lab/investigation materials responsibly and only for their intended purpose. • No Waste: Students should avoid wasting materials. Only use what is necessary for the lab/investigation. • No Theft: Students must not take any materials from the classroom without explicit permission from the teacher.

Year at a Glance

The 7th Grade Science curriculum is organized into Reporting Categories based on the Texas Essential Knowledge and Skills (TEKS). Within each Reporting Category, students will explore specific units that build their understanding of key scientific concepts and skills.

Matter & Energy	Force, Motion & Energy
• Elements & Compounds (TEKS 7.6AB) • Physical & Chemical Changes (TEKS 7.6C) • Aqueous Solutions (TEKS 7.6D) • Factors affecting Dissolving (TEKS 7.6E)	• Speed, Distance & Time (TEKS 7.7ABC) • Newton's First Law of Motion (TEKS 7.6D) • Thermal Energy Transfer (TEKS 7.8ABC)
Earth & Space	Organisms & Environments
• The Solar System (TEKS 7.9AB) • Life in our Solar System (TEKS 7.9C) • Changes to Earth Over Time (TEKS 7.10AB) • Watersheds (TEKS 7.11A) • Human Impact on Ocean Systems (TEKS 7.11B)	• Energy Flow in Ecosystems (TEKS 7.12A) • Cycling of Matter (TEKS 7.12B) • Human Body Systems (TEKS 7.13A) • Cells to Organisms (TEKS 7.13B) • Types of Reproduction (TEKS 7.13C) • Natural & Artificial Selection (TEKS 7.13D) • Classifying Organisms (TEKS 7.14A) • Three Domain Classification (TEKS 7.14B)