

# 6th Grade Science Syllabus

**Weimar Jr. High**

**Teacher:** Coach Almeida

**Room:** 217

**Email:** salmeida@weimarisd.org

**School Year:** 2025–2026

**Remind Code:** wjho6

## Course Overview

This course provides students with a foundation in physical, earth, and life sciences, using inquiry-based learning and hands-on investigation. Students will explore key scientific concepts through real-world applications and collaborative projects aligned to the Texas Essential Knowledge and Skills (TEKS).

## Materials

- Attitude of a Learner: Come to class EVERY day prepared and desiring to LEARN
- Materials: Come with your general “everyday-day materials” (paper, pencil, etc.)
- Composition Notebook
- Binder

## Pacing & Unit Plan

### 1st Six Weeks (26 days):

- **Unit 01: *Investigating Properties of Matter*** (Aug 14–Sep 4)
- **Unit 02: *Investigating Elements and Chemical Change*** (Sep 10–Sep 20).

### 2nd Six Weeks (27 days):

- **Unit 02 (*continued*)** (Sep 23–Oct 2)
- **Unit 03: *Investigating Force and Motion*** (Oct 8–Oct 30)

### **3rd Six Weeks (32 days):**

- **Unit 04: *Investigating Energy*** (Nov 5–Nov 27)
- **Unit 05: *Investigating the Solar System*** (Dec 3–Dec 18)

### **4th Six Weeks (27 days):**

- **Unit 06: *Investigating Earth's Layers*** (Jan 9–Jan 30, 15 Days)
- **Unit 07: *Investigating Resource Management*** (Feb 5–Feb 13)

### **5th Six Weeks (29 days):**

- **Unit 07 (*continued*)** (Feb 18–Feb 27)
- **Unit 08: *Investigating Ecosystems*** (Mar 5–Apr 4)

### **6th Six Weeks (30 days):**

- **Unit 08 (*continued*)** (Apr 7—Apr 8)
- **Unit 09: *Investigating Organisms*** (Apr 15–May 15)

## **Grading Breakdown**

Category	Weight
Daily Work/Homework	45%
Tests/Major Grades	55%

## **Absence / Late Work Policy**

- If a student is absent, it is their responsibility to collect and complete any missed assignments, notes, or lab work.
- Missed work can be found in the designated **Make-Up Folder**

# Vocabulary Expectations

Students will maintain a **Science Vocabulary Journal** (in their composition notebook)

- Vocabulary activities may include:
  - Flashcards
  - Word Walls
  - Matching games
  - Fill-in-the-blank warm-ups
- Vocabulary will be reinforced through labs, discussions, and quizzes.

## Vocabulary Quizzes:

- Each unit will include at least **one vocabulary quiz**.
- Quizzes may include matching, multiple choice, application-based questions, and sentence writing.
- Students will be given review materials (flashcards, review activities, etc.) in advance.

## Study Tips:

- Review 5–10 terms each night.
- Use color coding, diagrams, and real-life examples to help with memory.
- Study with a parent or family member.

# Electronic Policy

- School policies will apply in regard to phones. Each one of you will have a Chrome Book assigned to you. Electronics and modern technology can be a wonderful thing when used appropriately and at the correct times. These times will be indicated by the teacher ONLY.

# Class Expectations

- **Be Prepared:** Bring supplies and a positive attitude.
- **Be Respectful:** To yourself, others, and the learning environment.
- **Be Safe:** Follow directions, especially during labs
- **Be Curious:** Ask questions, explore, and engage!

## Parents and Students Acknowledgment

Please review this syllabus carefully with your child. By signing below, you acknowledge that you have read and understand the course expectations, grading policies, absence and late work procedures, vocabulary requirements, and all other important information related to this science course.

This signature indicates your commitment to supporting your child's success and following the guidelines set forth by the teacher.

Student Signature: \_\_\_\_\_ Date\_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Best Contact method for you: \_\_\_\_\_