

# 7th Grade Science Syllabus

**Weimar Jr. High**

**Teacher:** Coach Almeida

**Room:** 217

**Email:** salmeida@weimarisd.org

**Conference Period:** 2nd (8:42am-9:27am)

**Remind Code:** wjhoo7

## 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 Elements and Compounds*** (Aug 13–Sep 3)
- **Unit 02: *Investigating Changes in Matter and Solutions*** (Sep 8–Sep 19).

### 2nd Six Weeks (25 days):

- **Unit 02 (*continued*)** (Sep 22–Oct 3)
- **Unit 03: *Investigating Motion*** (Oct 8–Oct 30)

### **3rd Six Weeks (28 days):**

- **Unit 03: *(Continued)*** (Nov 3–Nov 3)
- **Unit 04: *Investigating Balanced and Unbalanced Forces*** (Nov 6–Nov 20)
- **Unit 05: *Investigating Thermal Energy*** (Dec 1—Dec 18)

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

- **Unit 06: *Investigating the Solar System*** (Jan 8–Jan 22)
- **Unit 07: *Investigating Plate Tectonics*** (Jan 26–Feb 6)
- **Unit 08: *Investigating Human Impact on the Hydrosphere*** (Feb 10—Feb 12)

### **5th Six Weeks (26 days):**

- **Unit 08: *(continued)*** (Feb 17–Feb 24)
- **Unit 09: *Investigating Matter and Energy in Ecosystems*** (Feb 26–Mar 19)
- **Unit 10: *Investigating Structures and Systems in Organisms*** (Mar 23—Apr 1)

### **6th Six Weeks (27 days):**

- **Unit 10: *(continued)*** (Apr 7—Apr 13)
- **Unit 11: *Investigating Inherited Traits*** (Apr 15–Apr 20)
- **Unit 12: *Investigating Taxonomy*** (Apr 30—May 12)

## **Grading Breakdown**

Category	Weight
Daily Work/Homework	45%
Test/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: \_\_\_\_\_