Chemistry Instructional Plan: Fall Semester

Course Overview
Welcome to Chemistry.

Contact Information
Teacher Name: Deanne King
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Classroom Expectations

Be Respectful – Listen. Use kind words. Treat everyone and everything with care.
Be Responsible – Be on time. Bring what you need. Start bellwork immediately.
Follow Directions – Do what's asked the first time. Raise your hand to speak.
Stay Focused – Sit where you're supposed to. Keep your area tidy. Participate.
Stay Positive – Try your best. Learn from mistakes. Keep growing.

Attendance Policy & Its Importance

Attendance Is the First Step to Success
Coming to school every day ensures every student gets the instruction, connections, and support they need to learn, belong, and grow. Missing just a few days can create gaps in learning—but showing up builds confidence, community, and a path toward long-term achievement.

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:

TEKS

Chemistry TEKS

1. Course Introduction

The Chemistry course focuses on experimental science, critical thinking, and problem-solving. Core topics include:

- Properties of matter
- Atomic theory and chemical bonding
- Chemical stoichiometry

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- Gas laws
- Solutions and acid–base chemistry
- Thermochemistry
- Nuclear chemistry
- Chemistry's role in everyday life.

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2. Scientific Practices & Safety

- At least **40% of class time** must involve field and laboratory investigations, carried out using safe and ethical practices.
- Students should be proficient in designing experiments, planning investigations, handling data, and using appropriate tools.

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3. Key Content Standards

Based on TEKS, some specific expectations include:

- **Acids & Bases**: Understand definitions using Arrhenius and Brønsted–Lowry models, and predict acid–base reaction outcomes.
- **Energy in Reactions**: Describe and differentiate kinetic, potential, chemical, and thermal energy; apply calorimetry; distinguish exothermic vs. endothermic reactions; and perform heat-related calculations

Course Resources

- Experience Chemistry Student Edition, SAVVAS

Grading Policy

According to Midland ISD Grading Policy:

Student Handbook

School-wide System of Communication

Families can reach out by email, phone, or messages during school hours. We are to hear, to listen, to answer questions, and support you both.

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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 [grade level or course]. 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:_____