

Environmental Systems Syllabus

Ms. Rashid Lake Dallas HS

Semester I school year 2025/26

Dear Parents and Guardians,

Welcome to Environmental Systems! Students are generally 11th and 12th grade taking this science class. This syllabus outlines the course plan for your child's class semester one, including key topics, expectations, and how you can support their success. As required by Texas law (Senate Bill 12), this document serves as the instructional plan and is available for your review. I look forward to working with you and your child!

Contact Information

- **Teacher:** Ms. Rashid
 - **Email:** brashid@ldisd.net
 - **Phone:** 940-497-4031
 - **Conference Time:** 12:35–1:20 PM, Monday–Friday
 - **Best Way to Reach Me:** Email or call the school office. I'll respond within 24 hours on school days.
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Course Overview (Instructional Plan)

This semester, your child will study the following topics in Environmental Systems, based on Texas state standards (TEKS):

1. Unit 1: Laboratory Safety

- Learning objectives: Reviewing safety rules and safety equipment to provide a safe learning environment

Activities: Scavenger hunt, bingo and quiz.

2. Unit 2: Earth Systems

- Learning objectives: Understanding the abiotic cycles, various parts of our environment such as the hydrosphere, geosphere, atmosphere and biosphere
- Activities: Diagraming, games, writing and quizzes

3. Unit 3: Interrelationships among Resources

- Learning objectives: Understanding the interconnections of humans and the environment.
- Activities: Lab reports, group experiments, individual assignments, data analysis, biome research project and quizzes

4. Unit 4: Sources and Flow of energy

- Learning objectives: Understanding the energy requirements and consequences to the environment

Activities: Research, debate and quizzes

5. Additional Skills

- Developing critical thinking, note-taking, and time management.
- Example: Preparing for a safety quiz, four unit tests and two presentations.

Thank you for supporting your child's education! Feel free to contact me with questions.

Sincerely,
Ms. Rashid