

Alternative Education Center
ACE
Biology A

INSTRUCTOR: Sally McClure

EMAIL: mcclsa@mansfieldisd.org

CONFERENCE PERIOD: 1:33pm – 2:45pm

OFFICE PHONE: 817-473-5796

COURSE DESCRIPTION: This course provides a general knowledge of the natural order of living organisms and their relationship with the environment. Areas of study will include the systems and ecology. Laboratory procedures, observation, measurement, classification, prediction, and reporting skills will be emphasized.

COURSE OUTLINE:

1. Lab Safety/Equipment
2. Scientific Method
3. Biochemistry
4. Cell Structure and Function
5. Cell Membranes
6. Cellular Respiration and Photosynthesis
7. Cell Growth and Reproduction
8. Meiosis
9. DNA, RNA, and DNA Technology
10. Protein Synthesis
11. Gene Mutations and Karyotypes

COURSE GRADE:

Daily Grade:	16%
Lab Grade:	24%
Test Grade:	40%
Final Exam:	20%

MATERIALS:

Biology Textbook
Plato Learning Systems (Server-based)
A+ Learning Systems (Server-based)
Videos
Laboratory Equipment and Supplies

CLASSROOM RULES:

1. Respect yourself and others.
2. Bring something to write with everyday.
3. Work hard everyday.
4. Obey all computer rules.