

Troy High School Agricultural Education

8th Grade Exploratory Agriculture Syllabus

Course Description

Exploratory Agriculture introduces students to the many areas of agricultural education. Students will participate in hands-on activities while exploring animal science, plant and soil science, food science, agricultural mechanics, welding, leadership, FFA, and agricultural careers.

Course Objectives

- Develop an understanding of the importance of agriculture.
- Explore careers in the agriculture industry.
- Identify basic concepts in animal, plant, food, and environmental sciences.
- Practice safe use of classroom and shop tools.
- Develop teamwork, communication, and leadership skills.
- Participate in hands-on learning activities and projects.

Major Units

- Introduction to Agriculture
- FFA and Leadership
- Agricultural Careers
- Animal Science
- Plant & Soil Science
- Horticulture
- Food Science
- Agricultural Mechanics & Basic Welding Safety

Classroom Expectations

- Be respectful to classmates, the teacher, and school property.
- Come to class on time and prepared to learn.
- Keep cell phones put away unless permission is given.
- Follow directions the first time they are given.
- Participate in all classroom and hands-on activities.
- Work safely and responsibly.
- Clean up your workspace before leaving class.

Required Materials

- Notebook or binder
- Pencil or pen
- Chromebook or school-issued device (when available)

Parent/Guardian Communication

Parents and guardians are encouraged to contact Ms. Bruce with any questions or concerns.

Student Acknowledgment

I have read and understand the Exploratory Agriculture syllabus and agree to follow the classroom expectations.

Student Name: _____

Student Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____