**Instructor**: Mrs. Lindsey Newman **Room:** 330 **Email**: newmanL@k12coffee.net

**Course Objective**: Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology serves in the 21st century. In addition, it serves as the first course for all programs of study in the Agriculture, Food and Natural Resources Cluster. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee Common Core State Standards in Mathematics, and Tennessee State Standards in Anatomy and Physiology, Biology I, Biology II, Chemistry I, Chemistry II, Environmental Science, Physical Science, Physics, and Physical World Concepts, as well as the National Agriculture, Food and Natural Resources Career Cluster Content Standards. This course counts as a lab science credit toward graduation and college entrance requirements.

The standards for this course can be found at <https://www.tn.gov/content/dam/tn/education/ccte/ag/cte_std_agriscience.pdf>

**Course Requirements**

This course is designed to introduce students to Agriculture Education and Agriscience. As part of the agriculture program, each student enrolled in an agriculture class is required to have an SAE (Supervised Agriculture Experience). Students are asked to do his/her own work and follow all instruction in the class. Each student is expected to come to class with paper, pencil, and other materials that are necessary as deemed by me. Students are expected to attend class daily, be on time, and participate in all class activities. Each student must take and **PASS** a safety exam with **100%** before they will be allowed to enter the shop or lab.

**Required Materials**

* Composition notebook (80-100 sheets)
* Glue
* Writing utensils
* Highlighter
* Colored pencils

**Agriscience Interactive Notebook**

All students are required to keep an interactive notebook in this class (using the composition notebook). This notebook will be used for all activities, notes, classwork, lab results, etc. Procedures for setting up the notebook will be covered in detail the first week of class. This notebook counts as a major grade.

**Lab Fee**

There is a lab fee of $10 for this course. This is used to cover supplies needed to provide hands-on learning experiences for students. This needs to be paid no later than the end of Week 3.

**Assessing Instructional Materials**

Instructional materials are available at Coffee County Raider Academy. Please email me at newmanL@k12coffee.net. Grades can be accessed via Synergy through the Coffee County Raider Academy website.

**Topics Covered: 1st Quarter 2nd Quarter**

Lab Safety + OSHA\* Biogeochemical cycles

FFA Ecosystems

Supervised Agricultural Experiences (SAE) Ecology

History of Agriculture Cell Biology

Agricultural Careers Genetics

 **3rd Quarter 4th Quarter**

Plant and Soil Science Engines

Plant Reproduction Power and Energy

Anatomy and Physiology Electricity

Animal Reproduction

\*Students will be required to complete the online10-hour Occupational Safety and Health Training Course to obtain their certification. They will be given time in class to complete a majority (if not all) of this requirement.

\*\*Reading and/or writing will be incorporated into classroom activities and assignments daily

**Evaluation Grading Scale:**

* Grades will be assigned to all work A 93-100
* A weighted grading scale will determine the grade: B 85-92
	+ 10% Participation and Labs C 75-84
	+ 30% Quizzes/Tests D 70-74
	+ 40% Daily Assignments/Interactive Notebook F 0-69
	+ 20% Exams/Projects

Late assignments lose 10 points per day.

**Make up work is the student’s responsibility!**

**\*\***Three projects will be required in this class: Agricultural Careers presentation, SAE presentation and a cell model. Students will be given class time for the Agricultural Careers presentation. We will discuss SAEs in class. Each student will choose an SAE, take pictures and present their project during semester 2. The cell model will need to be completed at home and brought by the due date. Further information will be given at a later date.**\*\***

**Discipline Plan**

Expectations

1. Be respectful of everyone in the class at all times.
2. Bring all materials to class and be prepared to work when the bell rings. (please speak with me privately if you need help obtaining needed items)
3. No cell phones or other electronic devices allowed in class. These devices will be taken up and turned into administration.
4. No horseplay in the classroom at any time!
5. Follow all other classroom, shop and school rules and procedures at all times.

Consequences

1. Verbal warning
2. Teacher consequence
3. Phone call and/or meeting with parent or guardians
4. Report to Administration. Discipline form will be written.

**Personal Statement**

I, Mrs. Newman, will do my best to insure the safety and learning for all students, while trying to make learning fun and exciting. Students are asked to be respectful, participate and keep an open mind. Good behavior will be rewarded accordingly. I encourage all students to find something they enjoy. I will use Synergy and keep it current. I will maintain and communicate deadlines for assignments, as well as provide clear and explicit expectations along with rubrics and model work.

I will be on maternity leave for most, if not all, of the first quarter. I have made preparations for the interim teacher, and expect there to be a smooth transition when I return after fall break. I assure you that your child will be well taken care of in my absence. Thank you for your patience and flexibility during this time.

**Additional Information**

All students enrolled in an agriculture class are official FFA members, thanks to funding and approval from the Tennessee FFA Foundation. This allows agriculture students to be eligible for all the benefits and opportunities offered through FFA. It is strongly encouraged that students be active, where they will participate in an abundance of activities during and after school. FFA builds the foundation of premier leadership, personal growth, and career success for all of its members. For more information on FFA, you may visit <http://www.ffa.org> and <http://www.tnffa.org>

Please sign and return this agreement by August 24th.

I have read, understand and agree to the rules and requirements of the Agriscience course at Coffee County Raider Academy.

Parent signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent email \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent phone number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_