**Principles of Agriculture, Food, and Natural Resources 2017-2018**

**Contact Information**

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Conference Hours: By Appointment

Welcome to the Agriculture Science Department at Lufkin High School!

**The Panther Way:**

Be Prompt! Be Prepared! Be Productive! Be Polite! Be Patient!

**Course Outline:**

This course allows students to develop knowledge and skills regarding agriculture career opportunities, personal development, globalization, industry standards, details, practices, and expectations.

**Topics**: These topics will be covered at varying levels and depths, as they relate to agriculture, food, and natural resources, throughout the 18 week course.

1. Characteristics of a Successful Employee
2. Supervised Agriculture Experience Programs (SAE)
3. Describe Historical, Current, and Future Significance of Ag Industry
4. Agricultural Leadership/ Personal and Communication Skills
5. Agriculture at Local, State, National, and International levels
6. Research Methods in Agriculture Industry/How Technology is Used in Agriculture
7. Plant Systems
8. Animal Systems/ Selection
9. Food Products/Processing
10. Safety/Basic Power, Structural and Technical Systems in Agriculture

**Agriculture Education has three components:**

1. **Classroom**: this is based on the topics covered for this class experience.
2. **FFA:** The Future Farmers of America is one of the largest national youth organizations. Through the FFA students have the opportunity to participate in numerous leadership and career development contest. **FFA membership is encouraged for all students that are enrolled in Agriculture Science Courses but not required.**
3. **SAE (Supervised Agriculture Experience):** An SAE allows students the opportunity to apply the knowledge and skills learned in a classroom setting. According to TEKS (state standards) every student must have an SAE project. SAE’s will be covered during the 1st two weeks of the course so you will have a better understanding of this portion of agriculture education. You will also be responsible for keeping an up to date AET record book. At the end of the course a **Final Exam grade will be given on your record book entries.**

**Materials Needed For This Class:**

Note taking materials – Paper/pencils- highly suggested you have a folder to keep your notes in or a spiral. Please have a pencil for class EVERYDAY!

Optional Items: Crayons, colored pencils, scissors,   
\*A 100 DAILY grade will be given if you contribute one of the following items: GermX, Kleenex

**Grading System:**

Grades will be determined by the following criteria:

*Daily/Participation/Quizzes*: 40%

*Exams/Labs/Record Book (AET):* 60%

*Extra Credit opportunities* will be available throughout the nine weeks  
*Reassess opportunities* for a 70% will be allowed to any grade with the proper request form filled out and returned, excluding the final exam.

**Make up Policy:**

All make up work must be completed within the 3-week grading period or before the unit test whichever occurs first. A zero will be entered in the grade book until the assignment has been completed. This applies to ALL absences, including extra-curricular.  
*Late Work* will be a 10-Point deduction per day (up to 50 points) within 3 school days of the original due date of the assignment. A zero will be entered in the grade book until the assignment is completed.

**SAE Record Books:**

The student will keep an electronic journal or log of their classroom hours and what they have participated in over the nine weeks. Each three weeks they will receive a grade on completeness, neatness, and on how much they elaborated. These record books are part of the grading rubric and more information will be given in greater detail during class.\*\*Bonus Point will be given for work done outside of classroom hours. Example: LDE/CDE contest, SAE Project, committee work, etc\*\*

**FFA Membership:**

FFA membership is **highly recommended** while enrolled in an Agricultural Science course. **FFA is CO-curricular NOT extracurricular!** The student will have the opportunity to get involved with the community, gain leadership experience, and have to opportunity to conduct a supervised agricultural experience. We will be exploring career opportunities in Agriculture, and through FFA the members are also exposed to other career opportunities and can find out their strengths and weaknesses. This is also a great organization to start a network of people for when you get ready to continue your education, job references, or even possibly they can help you find a job in your field. **Membership is $20**…please send cash or make checks payable to LHS activity fund and put Driver’s Lic and Phone Number on the check. A receipt will be given at the time of payment! ☺ You can also sell fundraiser items to pay for your membership and earn prizes! Inquire if you are interested in doing that!

Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_