**Animal Science Syllabus**

**Miss Ball - Ag Shop**

1. **Course Description**

An integrated study of Animal Science including introductory animal science, cells and functions, anatomy and physiology, reproduction and genetics, feed and nutrition, animal disease and behavior. There will be experience in lab techniques and hands on laboratories.

1. **Objectives and Expectations**

Upon completion of this course, the student will/be able to:

* + 1. Identify the need for animal production as a way to feed the world
    2. Understand trends in the Livestock industry
    3. Understand taxonomy of the livestock industry
    4. Have a clear understanding of the structures and functions of each body system
    5. Know and understand the structures and functions of an animal cell
    6. Understand and describe DNA replication
    7. Understand and describe protein synthesis
    8. Understand and describe mitosis
    9. Understand and describe meiosis
    10. Understand and describe the reproduction process
    11. Understand and describe Mendelian genetics & heredity
    12. Understand and be able to use EPD’s
    13. Understand ration and nutrition requirements
    14. Differentiate between ruminant and monogastric digestion
    15. Understand the digestion process
    16. Be able to detect animal disease
    17. Be able to classify and recognize diseases and parasites
    18. Be able to select and administer vaccinations
    19. Be able to identify ten types of animal behavior
    20. Recognize and describe how breeds have evolved

1. **Materials:**
   * **You will need:** 
     1. A folder and lab notebook to keep notes and paperwork in
     2. College Ruled Notebook Paper
     3. A No. 2 Pencil
     4. A Pen (Red or Blue)
     5. Always bring a book to read during “down “time
     6. If you use and lose or break shop tools you will be expected to replace them or work off the cost after school
2. **Behavior-**
   * **Rules:**
     1. Be prepared for class and working when the bell rings
     2. Follow student handbook, classroom procedures, and directions the first time
     3. Refrain from distracting behaviors
     4. Stay focused and on task
     5. No Food or Drink (except water in clear bottle)
     6. Follow All Safety Procedures
   * **Discipline:** (Punishment is in Addition to Loss of Participation Points)

***Infractions accrue on a weekly basis***

1. First infraction- Warning
2. Second infraction- Detention (10 min)
3. Third infraction- Detention (20 min)
4. Fourth Infraction- Contact Parents & Office Referral
   * **Other Possible Consequences:**
     1. Exclusion from class projects and rewards
     2. Removal from class
     3. ISS
   * **Rewards:** To be eligible for awards you must have all current assignments turned in and have an appropriate record of behavior
     1. Praise
     2. Class game time
     3. Movies
     4. Various positive perks
5. **Procedures:**
   * **Daily:**
     1. Come in, turn in cell phones, and get to work on Warm up
     2. Announcements
     3. Go over questions on homework/ grade assignments
     4. Lecture/ Project Completion
     5. Discussion/ Activities
     6. Work on Assignments / Clean up
     7. Students should be reading during any down time
   * **Leaving Class:** 
     1. You will be allowed **one** hall pass per semester, Bring ALL materials you need for class with you

**Using the restroom, and making phone calls should be done at lunch or between classes**

* + **Absent or Tardy-**
    1. You must show me a pass to be considered excused from an absence or tardy
    2. You must be in your seat when the bell rings or **you will be tardy-** the walk to the main building will take some time, it is your responsibility to be on time to this class and your next one- **NO EXCUSES**
  + **Cheating-**

Cheating of any kind i.e. coping someone else’s work is strictly prohibited in the student handbook. If you are caught cheating it will result in an automatic zero on the assignment for all parties involved without the opportunity for make-up, and a rule violation. This goes for any class- if you are caught cheating on another teacher’s assignment in this room the other teacher will be notified and it will result in a rule violation.

* + **Make up work-**
    1. If you are absent for an illness or a non- school related activity you have **one day** upon your return to turn in the assignment. Quizzes and exams should be made up **prior to the start of class upon the day of return**
    2. If you are absent for a school related activity the assignment is due **immediately** upon return. All quizzes and exams should be taken **before** leaving for the activity
    3. Work assigned prior to any absence is due **immediately** upon return
    4. All work missing due to absences will be recorded as a zero until graded and recorded

1. **Late Work**
   * 1. All assignments are to be complete at the beginning of class
     2. Any work not handed in when requested will be considered late
     3. Any work turned in late will have 25% of the points earned deducted from the score
     4. Late work will be graded at the earliest convenience of the teacher
     5. Late work also means you were not prepared for class and will result in a rule violation
2. **Homework**
   * **Heading:**
     1. **You must use a proper heading or your assignment will be returned to you un graded- it will be considered late**
     2. **If I don’t know who it belongs to, what lesson it is, and when it was done I don’t grade it!**
     3. **Example:**

Sally Smith

Lesson 1.2- Pg 112 1-15 evens

9/1/03

1. **Grading:**

**Percentage Breakdown:**

10 %- Course Agreements/ Safety Tests

20 % - Daily Participation (20 points per day)

30 % - Assignments

40 % - Projects/Labs/ Tests

***This syllabus is a guideline additions or corrections can be made at any time***

1. **How to Attain Excellence in this class and in life:**
   * **Care** more than others think is wise
   * **Risk** more than others think is safe
   * **Dream** more than others think is practical
   * **Expect** more than others think is possible
2. **Teacher’s Tips:** 
   * You will get as much from life as you put into it
   * Never Give Up
   * Don’t Blame, Take responsibility for your own actions
   * Be the best at whatever it is that you want to be
   * Believe in yourself
   * Don’t wait for things to happen, Make them happen!
3. **Teacher Responsibilities**
   * Present concepts in different ways
   * Encourage critical thinking
   * Demonstrate concepts when possible
   * Respect students and their parents
   * Provide a classroom conducive to learning
   * Challenge and prepare students in problem solving
   * Grade clearly and fairly
   * Provide academic support
   * Maintain high personal and academic standards
   * Provide opportunities to expand student knowledge
   * Respond promptly to student and parent inquiries
4. **Student Responsibilities**
   * Come to class regularly
   * Be prepared to learn Be prepared for class
   * Respect yourself and others
   * Come to class and turn in assignments on time
   * Always keep trying
   * Do your Own work
   * Listen during class and ask questions when you don’t understand
   * Schedule time for extra help with the teacher or ask about tutoring
   * Establish a time and place to study outside of class

**Course Agreement-**

**Fall Semester 16-17**

**Animal Science**

**Miss Ball- Ag Shop**

Student:

I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ have read and understand the policies and procedures set forth for this course and agree to abide by them, until the completion of this course. I understand that this syllabus is a guide and additions or corrections may be made at any time.

Signed:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent:

I have reviewed and understand the policies and procedures set forth by this course. I understand that this syllabus is a guide and additions may be added at any time. I have reviewed this form and all information referred to by it, I understand and agree to abide by the responsibilities set forth for both me and my child.

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**---- Please Return to School -----**

**Parental Responsibilities**

* + Show interest in your child’s education
  + Provide necessary supplies, time and space for study
  + Communicate with teachers
  + Help your child learn to prioritize their time
  + Allow your children to experience the consequences of their decisions
  + Realize progress is only limited by effort
  + Understand that teachers are not responsible for your child’s grades, they earn them
  + Realize that providing answers does not constitute teaching
  + Know and communicate to your child that school is primarily for learning, other benefits are secondary
  + Support your child in every possible way

**Dear Parent or Guardian,**

Please read and go over the syllabus I have provided for you and your child. It contains my classroom rules and procedures. A quarter by quarter curriculum guide and tentative schedule will be available on my website soon. Please feel free to contact me or set up an appointment with me anytime to discuss your child and/ or their progress. I will do my best to provide you with any information on your child’s progress, however I do have many students and may not always be able to contact you when a problem arises, so please contact me at the high school anytime you have a question about your child’s grade, behavior or progress and I will be sure to schedule a time to speak with you. I feel very fortunate to be able to work with you and your child and am looking forward to hearing from you with any questions or concerns you may have. Thank you for your cooperation.

Sincerely

Becky Ball

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**---- Please Keep -----**