

# Zoology

This course does not provide computer instruction. You will only be instructed in the content of the course.

If you have technical difficulty while you are taking the test, please have your counselor/proctor contact the High School Online office at 662.325.1457.

## **Text book:**

Zoology 9<sup>th</sup> Edition

Stephen A. Miller and John P. Harley

McGraw Hill

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All of your assignments will relate to this text, therefore it is imperative that you obtain a copy prior to beginning the coursework.

## **Prerequisites:**

It is your responsibility to ensure that you have met any prerequisites required to earn credit for this course. Refunds will not be issued outside of the refund policy because prerequisites were not met prior to enrolling in or taking the course.

## **Objective of the Course:**

Zoology is a course that surveys the nine major phyla of the Kingdom Animalia. Morphology, taxonomy, anatomy, and physiology should be investigated.

## **Quizzes:**

Each lesson will have a quiz. The quizzes are designed to provide an understanding of the content related to the courses. Each quiz contains key terms and short answer questions. Please be thorough in your answers. When identifying key terms, don't merely copy the book's definition – explain its overall importance. When working through short answer questions, provide as much information as is needed to completely answer the question – provide facts, input, examples, justification, etc. You are allowed to use notes and your textbook for the quizzes

## **Exams:**

This course will have 9 exams. They will heavily emphasize vocabulary, as key terms are vital to the understanding of the concepts presented. Be sure, however, to review all questions and activities that

are listed in your text. The exams will be under the supervision of your course supervisor/proctor. No supplementary materials (notes, textbooks, reference books, etc.) can be used. We reserve the right to require any student to come to the High School Online office to take or redo any test. Academic dishonesty will not be tolerated, and can result in an F in the course.

Mississippi State University’s Student Honor Code will be enforced. To view this policy, visit <http://www.honorcode.msstate.edu/policy/>.

**Grades:**

You will receive a numerical grade for each lesson that you submit. Your lesson grades will count as 1/3 of your final grade, and your tests will count as 2/3 of your final grade. As lessons and tests are graded, your grade will be posted in Moodle. While I strive to grade your lessons and tests in a very timely fashion, please note that there are certain times when there may be a delay in grading (holidays, weekends, etc).

**Writing Rubric:**

Language Arts Literacy	
Open-Ended Scoring Rubric for Reading, Listening, and Viewing	
<b>Sample Task:</b> The author takes a strong position on voting rights for young people. Use information from the text to support your response to the following.	
<b>*Requirements:</b> Explain the author’s position on voting. Explain how adopting such a position would affect young people like you.	
Points	Criteria
4	A 4-point response clearly demonstrates understanding of the task, completes all requirements, and provides an insightful explanation/opinion that links to or extends aspects of the text.
3	A 3-point response demonstrates an understanding of the task, completes all requirements, and provides some explanation/opinion using situations or ideas from the text as support.
2	A 2-point response may address all of the requirements, but demonstrates a partial understanding of the task, and uses text incorrectly or with limited success resulting in an inconsistent or flawed explanation.
1	A 1-point response demonstrates minimal understanding of the task, does not complete the requirements, and provides only a vague reference to or no use of the text.
0	A 0-point response is irrelevant or off-topic.

*\*Requirements for these items will vary according to the task.*

**Final Grade:**

Once you have submitted all assignments for grading and your final average is calculated a completion letter will be mailed to the student and the school. The school will issue the letter grade and add the course to your transcript.

**Communication with your Instructor:**

Outside of discussion board posts, all communication with your instructor should be via email.

**Course Completion and Graduation:**

If you are graduating in the current school year, all coursework must be completed by April 1 in order to ensure that your official documentation is received by your school counselor in time for graduation. It is your responsibility to submit all discussion boards, quizzes, and exams by this deadline.

**Course Layout:**

**Lesson 1** – Introduction to Zoology & Cells, Tissues and Living Systems

MDE Competency & Objective: 1B, 1C, 1E, 1F, 1G, 2A

**Lesson 2** - Genetics & Evolution

MDE Competency & Objective: 2A

**Lesson 3** – Ecology

MDE Competency & Objective: 3D, 3E, 4A, 4B

**Test #1**

**Lesson 4** – Classification of living Things

MDE Competency & Objective: 2A, 2B

**Lesson 5** – Protists and other Microorganisms

MDE Competency & Objective: 2C, 2D, 3A, 3C

**Lesson 6** – Sponges & Cnidarians

MDE Competency & Objective: 2D, 3A, 3C

**Test #2**

**Lesson 7** – Flatworms

MDE Competency & Objective: 2B, 2D, 3A, 3C

**Lesson 8** – Mollusks

MDE Competency & Objective: 2B, 2D, 3A, 3C

**Lesson 9**- Segmented Roundworms

MDE Competency & Objective: 2B, 2D, 3A, 3C

**Lesson 10** – Smooth Roundworms

MDE Competency & Objective: 2B, 2D, 3A, 3C

**Test #3**

**Lesson 11** – Arthropods

MDE Competency & Objective: 1D, 1E, 2B, 2D, 3A, 3C, 3D, 3E

**Lesson 12** – Echinoderms

MDE Competency & Objective: 2B, 2D, 3A, 3C

**Test #4**

**Lesson 13** – Fish & Early Chordates

MDE Competency & Objective: 2B, 2D, 3A, 3C, 3D, 3E, 4A, 4B

**Lesson 14** – Amphibians & Reptiles

MDE Competency & Objective: 2B, 2D, 3A, 3B, 3C, 3D, 3E, 4A, 4B

**Lesson 15** – Birds & Mammals

MDE Competency & Objective: 2B, 2D, 3A, 3B, 3C, 3D, 3E, 4A, 4B

**Test #5**

**Final Project** – Endangered Species Act & Invasive Species

MDE Competency & Objective: 1B, 1C, 1D, 1E, 1F, 1G, 3C, 3D, 3E

**Essay: writing assignment (maybe submitted at any time)**

MDE Competency & Objective: 1B, 1C, 1D, 1E, 1F, 1G, 3C, 3D, 3E