

## Kemper Academy

### Biology

#### Teacher Info:

(Mrs.) Iva Lou Cumberland

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B.S. Degree in Biology (Pre-med curriculum), Millsaps College

Thirty-three years at Kemper Academy

Goal: I hope to instill an interest in the biological sciences. Students who excel and enjoy their biology class may become interested in careers in the life sciences, medicine, nursing and use that interest as a steppingstone to take the college prep curriculum here at Kemper Academy.

Focus: characteristics of life, experimenting, data collection and organization, ecology, the chemistry of life, cell organelles and cellular processes (e.g. photosynthesis, cellular respiration, cell reproduction, transport, DNA, RNA ), genetics, microscope labs and other associated laboratory investigations,

#### Supplies:

2" 3-ring binder – This will be used to hold all of the student's graded work and handouts and notes they will be given. The notebook will be taken up at the end of each nine weeks and graded for completion and organization. The binder will be returned to the student for the next nine weeks.

Writing utensils: # 2 pencils and blue or black pens (no red ink or neon colored ink)

A simple scientific calculator will be needed for the section on graphing data.

Grading Scale: The final grade will be calculated as follows:

- Fall Semester Grade: 50%
  - 50% First Nine Weeks, 50% Second Nine Weeks
- Spring Semester Grade: 50%
  - 50% Third Nine Weeks, 50% Fourth Nine Weeks

Each nine weeks grade will be calculated as follows:

- Classwork: 15%
- Homework: 15%
- Subject Quizzes: 50%
- Nine Weeks Test: 20%