

# Welcome to: Integrated Biology

2016-2017  
Life Science Course



Miss Ashley Williams  
ANWilliams@canfieldschools.net  
<http://www.ashwilliams.weebly.com>  
330-533-5507 ext. 2229

Mrs. JoAnne Smotrilla  
JSmotrilla@canfieldschools.net  
330-533-5507 ext.2400



## COURSE OUTLINE

Pre-Requisite: Physical Science

This life science course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment and the interactions within and between them.

Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.



## OBJECTIVES



Reading Skills



Writing Skills



Critical Thinking



Scientific Analysis

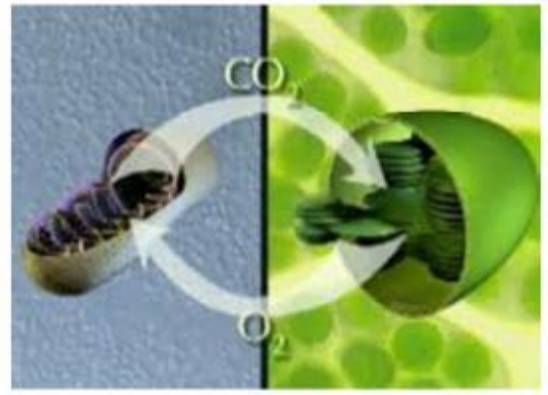
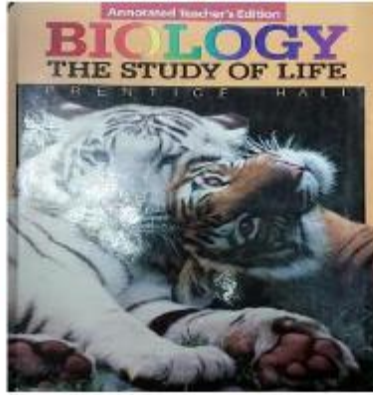
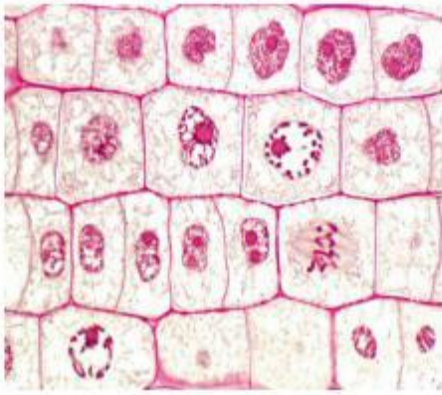


Interdisciplinary  
Connections



Laboratory  
Investigations

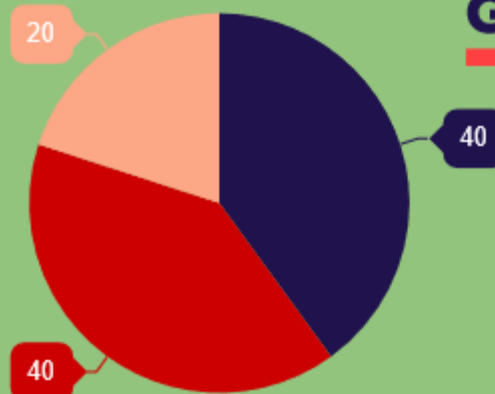
# UNITS OF STUDY



- 1 Taxonomy, Life Processes, Chemical Compounds
- 2 Cell Structure & Function
- 3 Cellular Energy: Photosynthesis & Cell Respiration
- 4 Heredity & Genetics
- 5 Sexual (& Asexual) Reproduction
- 6 Cell Transport: Diffusion, Active/Passive Transport

## Grading Scale

100-90 A  
89-80 B  
79-70 C  
69-60 D  
< 59 F



## GRADING

Quarter One	40%
Quarter Two	40%
Final Examination	20%

100%

#1 Binder

#2 Paper

**CLASS**  
Requirements

#3 Pencil/Pen

#4 Textbook

# LATE WORK

Late work will NOT be accepted after one week of original due date. The only exception will be make up work. Whenever an assignment is not turned in, a missing assignment form must be completed.

# MAKE UP WORK

Make up work is YOUR RESPONSIBILITY. Upon your return to class, you are to check the 'Absent Work' Bin to determine what work was missed/needs to be completed. To turn in makeup work, you will have up to the allotted time period of your absence (i.e. if you're out three days, all make up work is due within the next three days). Anything beyond this time frame is considered late and will not be accepted. It is YOUR RESPONSIBILITY for staying caught up if you miss class.

## COURSE EXPECTATIONS

### P REPARED

Be prepared, focused and ready to learn something new in every class.

### R ESPONSIBLE

Ensure all assignments are submitted according to deadline. Class attendance is also important to help students benefit from the course.

### P ROACTIVE

Engagement and participation in class is highly encouraged. Don't be afraid to share your thoughts!

### R ESPECTFUL

Be respectful towards teacher and classmates. Encourage one another and stay united as a team!

## CONTACT INFO:



Planning Period:  
BLOCK 2



VIA EMAIL:  
[ANWilliams@canfieldschools.net](mailto:ANWilliams@canfieldschools.net)



BY REQUEST: 7:30-7:45am  
or during extended PT

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