

Welcome to: Fundamentals of Science

2016-2017
Life Science Course



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COURSE OUTLINE

This science course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Fundamental concepts 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

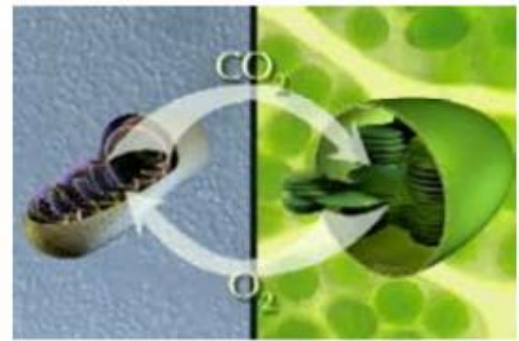
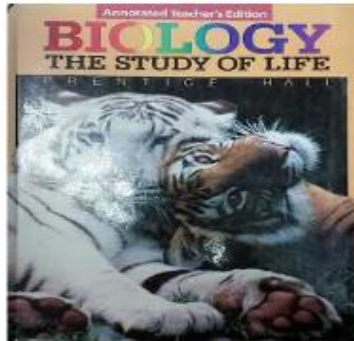
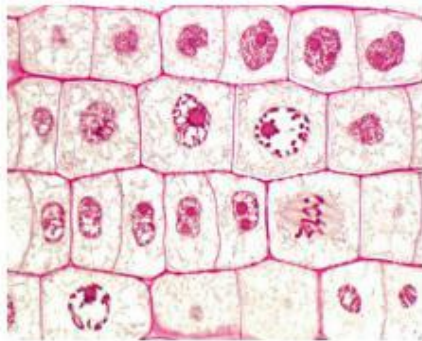


Interdisciplinary
Connections



Laboratory
Investigations

UNITS OF STUDY



- 1 Taxonomy, Life Processes, Chemical Compounds
- 2 Organisms and the Environment: Ecology
- 3 Cellular Energy: Photosynthesis & Cell Respiration
- 4 Heredity & Genetics
- 5 Evolution
- 6 Protein Synthesis
- 7 Sexual/Asexual Reproduction
- 8 Cell Structure and Function w/Microscopes
- 9 Cell Transport: Diffusion, Active/Passive Transport

#1 Binder

#3 Pencil/Pen

#2 Paper

#4 Textbook

CLASS
Requirements

LATE WORK

Late work will only be accepted with one of your three given late passes. Each pass is equivalent to one day of being late. The only exception will be make up work.

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

PREPARED

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

RESPONSIBLE

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

PROACTIVE

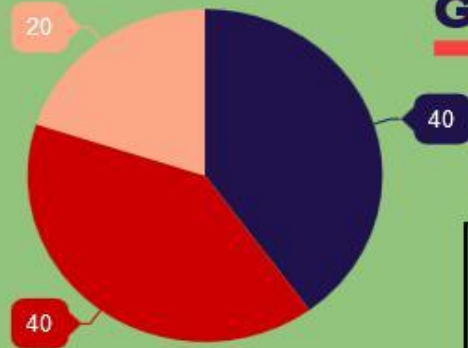
Engagement and participation in class is highly encouraged. Don't be afraid to share your thoughts!

RESPECTFUL

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



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%

CONTACT INFO:



Planning Period:
BLOCK 2



VIA EMAIL:
ANGibbs@canfieldschools.net



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