

# CP Biology

Miss Jessica Clark

CONTACT INFORMATION ~ *Please contact me if you have any questions or concerns about the course!*

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- **Website:** Google Classroom



## THANK YOU FOR SIGNING OFF ON OUR CLASS POLICIES!

### COURSE DESCRIPTION

- CP Biology is a lab/inquiry-based course where students will cultivate their understanding of biology through complex investigations as they explore the following topics: cytology, biochemistry, cellular processes, homeostasis and transport, cellular energy, reproduction, genetics, evolution, information transfer, ecology and interactions.

### WHAT WILL WE DO, included but are not limited to:

- Lecture (PowerPoint)
- Lab work (formal and informal)
- Computer work (programs/internet)
- Projects (individual and group)
- Interactive Notebook
- Quizzes/Unit tests
- Additional skills...
  - To apply scientific methods of inquiry, graphing, computer tools, and interdisciplinary connections.
  - To develop interpersonal, study, writing, and presentation skills.

### GRADING

- Your child's grade will be calculated on a total point basis:  
**Grade = # of points earned ÷ total number of points possible x 100%**
- There will be no designated percentage of test, lab, and homework points.
- Grades will be posted approximately each week on Genesis for you for you to access.



### EXTRA HELP

- By appointment.
- Tutors are available in the library every Tuesday and Thursday, afterschool, from 2:30 to 3:30 p.m.

### OUTLINE OF COURSE

- The Study of Life — Intro to Biology
- Microscopes
- Cells—cell transport, cell reproduction
- Biochemistry- carbs/lipids/proteins/nucleic acids
- Photosynthesis & Cellular Respiration
- DNA/DNA Replication and Protein Synthesis
- Cell Cycle, Mitosis and Meiosis
- Genetics & Genetic Engineering
- Evolution
- Ecology

*\*\*The instructor reserves the right to modify or change the schedule as needed to meet the needs of the students' diverse learning styles and/or professional developments in the area of Biology.\*\**