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

- **Email:** clarkj@warrenhills.org
- **Phone:** 908-689-3050 ext. 3587
- **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:
  
  \[
  \text{Grade} = \frac{\text{# of points earned}}{\text{total number of points possible}} \times 100\%
  \]

- There will be no designated percentage of test, lab, and homework points.
- Grades will be posted approximately each week on Genesis 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.**