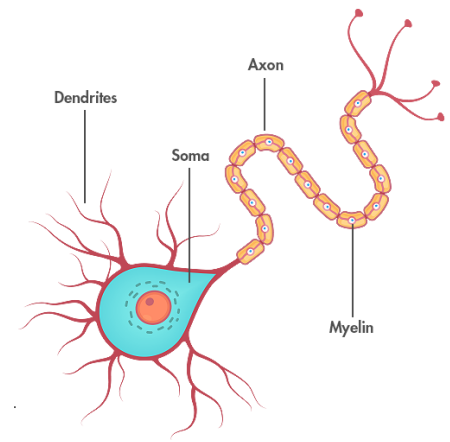


Biology 30
Mrs. Tamara Szmata



Contact Information:

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Course Overview:

Biology 30 is intended to develop students' understanding and application of biological concepts and skills. The focus of this course is on understanding the biological principles behind the natural events the students experience and the technology they use in their daily lives. Biology 30 is an experimental discipline that develops knowledge, skills, and attitudes to help students become capable of and committed to setting goals, making informed choices, and acting in ways that will improve their own lives as well as life in their communities.

Primary Resource:

Ritter, et al. Biology. Nelson Publishing Co., 2007

Expectations of Students:

1. Students are expected to show up to class on time with a pen, binder, paper and all required textbooks.
2. Students are expected to listen when the teacher is addressing the class.
3. Students are expected to participate in class and to learn specific skills.
4. Students are expected to follow the rules of the class and treat others with respect and courtesy.
5. If you are absent, you are responsible for catching up on whatever work you have missed due to absences. Hand in your assignments on the day you return to school.
6. All information will be available on Google Classroom.
7. Any exams or quizzes missed due to excused absences must be made up.
8. Cell phones may only be used with teacher permission. During exams all electronic devices will be placed in the "Cell Phone" Drop Box and remain there until the completion of the exam.

Scope and Sequence:

There are 11 chapters in Biology 30. Each chapter will be completed in 6 to 8 days including the quiz days. We will start with Chapter 13 and continue to Chapter 23.

Unit A: Nervous and Endocrine System (20 days)

Chapter 13. Nervous System

Chapter 14. The Senses

Chapter 15. Endocrine System

Unit B: Reproduction and Development (17 days)

Chapter 16. Reproduction and Development

Unit C: Cell Division, Genetics and Molecular Biology (29 days)

Chapter 17. Cell Division

Chapter 18. The Basis of Heredity

Chapter 19. Beyond Mendel

Chapter 20. Molecular Genetics

Unit D: Population and Community Dynamics (15 days)

Chapter 21. The Genetic Basis for Population Change

Chapter 22. Population Changes

Chapter 23. Population Interactions

Assessment:

Unit Exams	70%
Quizzes	20%
Labs, Review Questions, Assignments and Projects	10%

****Note: The final mark for Biology 30 will be based on 70% class mark and 30% diploma exam mark.**

Teaching Methodologies:

There will be a variety of instructional strategies utilized in Biology 30. These will include lectures, experiments, dissections, student and/or teacher demonstration, student research, and films.

Other Points to Remember:

Students are expected to complete and hand in assignments on the due date. Pay close attention to the deadlines posted on the homework board.

Extra help will be available at lunch times and after school (depending on supervision duties). Please book times with me.

Keep track of your marks as they will be posted on PowerSchool regularly. PowerSchool is used as a tool for teachers to communicate with students and parents about such things as attendance, marks, discipline, schedules, assignments, events, fees and graduation requirements.

