**Biology Course Syllabus**

**Ms. Ryan**

**Room 470**

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**Extra Help Tuesdays 3:30-4:00, or by appointment**

**Course Description:** In the year-long Biology course, students answer the question "How do organisms live and grow?” Students demonstrate that they can use investigations and gather evidence to support explanations of cell function and reproduction. Concepts of matter and energy, structure and function, and systems and system models provide students with insights into the structures and processes of organisms. They develop an understanding of the role of proteins as essential to the work of the cell and living systems.

Other major questions for student study are, "How are characteristics of one generation passed to the next?" and "How can individuals of the same species and even siblings have different characteristics?" Students ask questions, make and defend a claim, and use concepts of probability to explain the genetic variation in a population. The Biology course offers students the opportunity to explain the mechanism of genetic inheritance and describe the environmental and genetic causes of gene mutation and the alteration of gene expression.

**Text**: Biology, Prentice Hall c.2006

**Course Materials**: Textbook, 3-ring binder, Dividers, Paper, Pencils, Pens, Colored Pencils.

**Assessments:** Students will be assessed on class work, quizzes, tests, labs, class participation and homework.

**Classroom Rules and Expectations:**

1. Be respectful toward others and the learning environment. Cell phones and food are not permitted in class.
2. Use school appropriate language, voice, and timing. Off-task conversation should be kept to a minimum.
3. Be prepared and in your seat when the bell rings.
4. Raise your hand and wait to be called on.
5. Turn in assignments on-time for full credit. Late assignments will receive 50% of points earned. Late work will not be accepted the week prior to the end of the quarter.
6. Make-up work is due within 3 days of your return to class.
7. Follow all required laboratory safety procedures and technology rules.
8. Remain seated until dismissed.

Failure to follow classroom rules and expectations will result in a phone call to your guardian, teacher detention, administrative detention, or removal from class.

I have read the above classroom rules, requirements, and expectations.

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Student sign and date Guardian sign and date