



7th Grade Life Science Syllabus
Teacher-Mrs. Agro Muratore Room 202
Email-Magromuratore5641@stroseschool.net

Life Science

Students are introduced to the basic principles of the scientific method and learn how to use basic tools of scientific inquiry. These tools provide ways to examine one of the smallest forms of life, the cell. Students will engage in “hands on” activities and a student centered approach to learning science, allowing them to develop concepts in life science and critical thinking through observation and experimentation. They will classify, compare and explore an organism’s cell structure and function, such as Viruses, Bacteria, Protists, Fungi, Plants, and Animals. They will study genetic crosses and Punnett squares, relationships among organisms, and ecosystems to provide explanations to the organisms’ evolution. Throughout the course, students learn about scientists and the history of scientific discovery and how it has been pursued. This course will challenge students to read daily, write about what they read, analyze and interpret data, and research a variety of concepts. This course is taught using The Next Generation Science Standards.

Supplies:

Composition notebook, green folder, pens (blue or black, red, highlighter/colored pencils), gloves/mask,

Text: elevate science-Systems Reproduction, and Growth Module

Diversity of Life Module

Relationships Within Ecosystems Module

Text online www.pearsonrealize.com

Classroom Expectations:

- Be on time for class and bring needed class materials.
- Be in your seat and working on the opening activity.

Class Rules:

- Raise your hand and wait to be called on
- Do not speak while others are speaking
- Follow directions the first time they are given
- Respect others, respect yourself, and respect our school
- No food, drinks, or gum in the classroom
- **See** Middle school calendar for homework assignments. **Any** homework is to be completed at home. Unless otherwise stated by me. You *should not* be scrambling to finish Homework during class time/bell rings.

- *If you are absent, you are still responsible for the work that you miss. (See Absent Policy.) Assignments are to be completed upon returning to school, if you have difficulty completing any missed assignments or preparing for missed exams due to an absent...please see me.*



Labs are a fun and exciting way to learn life science in a hands-on setting. In order for labs to foster a safe and fun learning environment for both students and teachers, lab safety rules must be followed. Students and teachers will review lab expectations regularly. (See Lab Rules Handout) Any student who misbehaves or breaks a safety rule during a lab may lose the privilege of participation in class labs.

- All students are expected to complete and turn in all assignments by the due date. Any work turned in after the deadline will be subject to a lower grade and/or effort grade.

- Failure to follow these rules will result in a verbal warning.

If the inappropriate behavior does not cease, you will be disciplined according to the rules of the Student Hand-book. A classroom should be a safe environment where learning is the top priority.

Parent Portal:

Parents are encouraged to review “academic grades” in Power School.

Assessments:

Project/Performance Task
 Test
 Quizzes
 Class work/ Participation
 Homework

Any questions or concerns, please contact me at magromuratore@stroseschool.net

Thank you,
 Mrs. Agro Muratore

