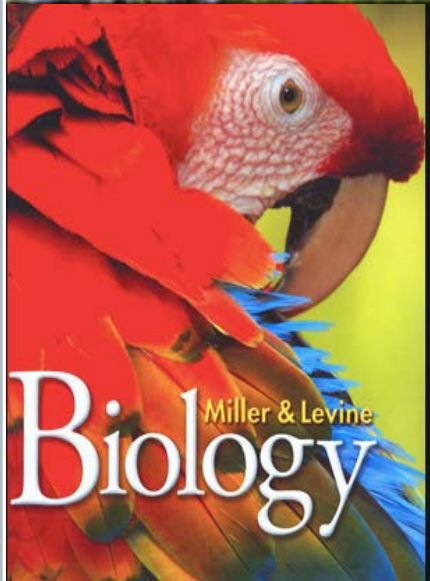
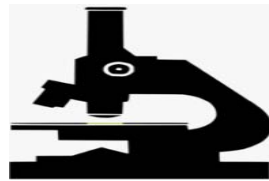


Textbooks:
Biology



Topics to Be
Studied:

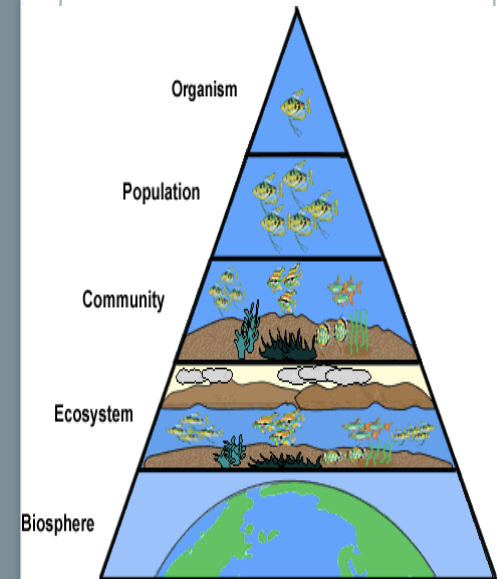
- ❖ Introduction to Biology
- ❖ Evolution
- ❖ Biochemistry
- ❖ Cell Structure and Function
- ❖ Molecular Genetics
- ❖ Cell Energy
- ❖ Cell Reproduction
- ❖ Ecology



Our curriculum consists of interesting teacher presentations, class discussion, group work and lab activities to learn about the varied biological concepts above!

Biology- The Study of Life!

Biology



The Study of Life!

Skowhegan Area High
School
Biology Staff:

Kevin McFaddin
Stephani Sawyer-Main
Ann Bolvin





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Data collection is a big part of a Research Biologist's job.

Do you like to learn about the world of living things? Maybe a career in Biology is for you!
What do biologists do?

Research: Study the natural world, using the latest scientific tools and techniques

Health care: Develop public health campaigns to defeat illnesses such as tuberculosis, AIDS, cancer, and heart disease.

Environmental management and conservation: Help in solving environmental problems and conserving the natural world for future generations.

Education: Working with people and encouraging them to learn new things, whether in a classroom, a lab, the field, or a museum.

Science museums, zoos, aquariums, parks, and nature centers: Design exhibits and educational programs, in addition to teaching special classes or leading tours and nature hikes.

Biotechnology: Apply scientific principles to develop and enhance products, tools, and technological advances in fields such as agriculture, food science, and medicine.

Forensic science: Work with police departments and law enforcement agencies to discover and process evidence that can be used to solve crimes.

Business and industry: Work with drug companies and providers of scientific products and services to research and test new products.

Mathematics: Bioinformatics and computational biology apply mathematical techniques to solve biological problems.

Science writing and communication: Inform the general public about relevant and emerging biological issues.

Art: Illustrations in your biology textbook, newspaper and magazine science articles, created by talented artists with an understanding of biology.

What Classes are Offered at SAHS?

Biology Level I

Is an introductory course designed to explore life on earth at the molecular, cellular and organism level. The course uses discussion, group work, laboratory investigations and projects to provide students a means of developing critical thinking skills and knowledge of fundamental biological concepts. 1 credit

Consultant Biology Level I

An introductory course, it moves at an appropriate pace with assistance from special education staff. It uses a variety of instructional strategies to provide students the skills needed to understand basic biological concepts. 1 credit

Honors Bio Level I

Is an introductory course designed for highly motivated students to prepare them for advanced level work in science. Students will use critical thinking and writing skills, discussion, group work, laboratory investigations and projects to explore many biological concepts. Students are expected to demonstrate in-depth understanding and strong work ethic. Enrollment in this class is dependent upon teacher recommendation and maintenance of an 85-grade average. 1 credit