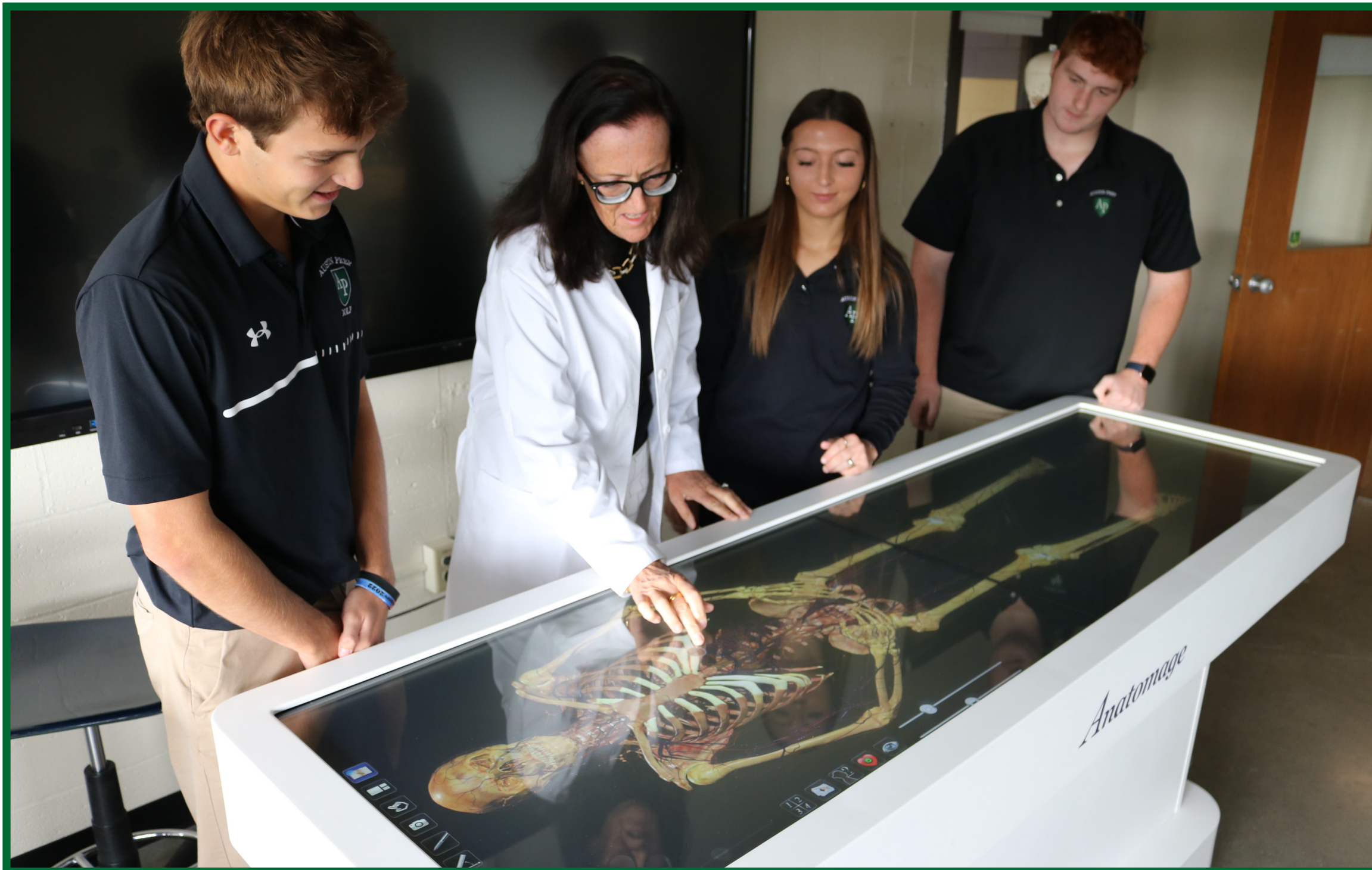




Science



Students are challenged to acquire a strong scientific knowledge base, develop higher order thinking skills, cultivate an interest in the sciences, and incorporate and apply technology. Students take part in interactive, lab-based, group activities fostering problem-solving and critical thinking skills.



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Science

Middle School Department Offerings

Through interactive labs and investigations as well as opportunities to research and present on applications of their growing scientific knowledge, students are immersed in an environment that promotes curiosity, collaboration, and critical thought.



Grade 6: Earth and Space Science

Central topics include the exploration of space, the formation and composition of the atmosphere, and the importance of water. This skills-based course sets the foundation for scientific study.

Grade 7: Life Science

Building particularly on the properties of water, students deepen their skills by incorporating inquiry and embark on a journey of self-discovery, investigating life on earth from its origins to the current classification systems and an extensive exploration of the human body.

Grade 8: Physical Science

Students investigate and identify the forces of nature, early atomic theories, and the evolution of the Periodic Table. Hands-on experimentation leads students to determine the forces that link matter and energy.



Science

Upper School Department Offerings

Course	Level	Course	Level
Biology	Freshman CP/H	Medical Microbiology	Junior+ CP/H
Chemistry	Sophomore CP/H	Physics	Junior+ CP/H
Analytical Chemistry	Junior+ H	Robotics	Junior+ CP
Anatomy & Physiology	Junior+ CP/H	Science & Religion	Senior H
Astronomy 1 & 2	Junior+ H	AP Biology	Junior+
Biotechnology	Junior+ CP/H	AP Chemistry	Junior+
Environmental Science 1 & 2	Junior+ CP/H	AP Environmental Science	Junior+
Forensic Science & Bioethics	Senior CP	AP Physics 1	Junior+
_____	_____	AP Physics C	Junior+