

### Science Classes for 9th Grade Students

Class	Class Content	This class is a good fit for...	Workload expectations	End of Course SOL test?
Environmental Science	<ul style="list-style-type: none"> <li>-Scientific Inquiry</li> <li>-Earth's Systems</li> <li>-Biodiversity</li> <li>-Earth's Resources</li> <li>-Pollution</li> <li>-Climate Change</li> </ul>	<ul style="list-style-type: none"> <li>-students who would benefit from a foundational science course before taking biology</li> <li>- students with high interest in environmental science</li> </ul>	<ul style="list-style-type: none"> <li>-Most work is done in class</li> <li>-Independent research project not required</li> </ul>	No
Biology	<ul style="list-style-type: none"> <li>-Ecology</li> <li>-Evolution</li> <li>-Cells</li> <li>-DNA</li> <li>-Genetics</li> </ul>	<ul style="list-style-type: none"> <li>-students who have passed the 8th grade science SOL</li> </ul>	<ul style="list-style-type: none"> <li>-Most work is done in class</li> <li>-Independent research project not required</li> </ul>	Yes
Honors Biology	<ul style="list-style-type: none"> <li>-Ecology</li> <li>-Evolution</li> <li>-Cells</li> <li>-DNA</li> <li>-Genetics</li> </ul>	<ul style="list-style-type: none"> <li>-students with strong science skills</li> <li>-students with an interest in studying advanced sciences</li> </ul>	<ul style="list-style-type: none"> <li>-More independent work in addition to class work</li> <li>-More detailed content</li> <li>-Independent research project required (science fair)</li> <li>-Higher self-advocacy expectations</li> </ul>	Yes

### Biology Electives- after 9th grade

Elective Class	Prerequisite Classes	End of year Standardized Exam?
AP Biology	Biology & Chemistry	Yes
AP Environmental Science	Biology & Chemistry	Yes
Human Anatomy and Physiology	Biology & Chemistry	No
Oceanography	Biology & Chemistry	No

