



# AP Environmental Science (APES) 2022-2023



<p style="text-align: center;"><b>Teacher Contact Information</b></p> <p><b>Teacher Name:</b> B. Carl Rush</p> <p><b>Email:</b> <a href="mailto:brush@wcpss.net">brush@wcpss.net</a></p> <p><b>Twitter:</b> <a href="https://twitter.com/sciencrush">@sciencrush</a></p>	<p style="text-align: center;"><b>Accessing the Course</b></p> <p><b>Link to WakeID Portal:</b> <a href="http://wakeid2.wcpss.net">http://wakeid2.wcpss.net</a></p> <p><b>Class Website:</b> <a href="http://www.sciencrush.net">www.sciencrush.net</a></p>		
<p style="text-align: center;"><b>Course Description</b></p> <p>The AP Environmental Science (APES) course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the APES course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The recommended prerequisites for APES are Biology, Chemistry, Common Core II and English 10.</p> <p style="text-align: center;"><b>Course Standards</b></p> <p style="text-align: center;"><a href="#">CollegeBoard's Overview for AP Environmental Science</a> <a href="#">College Board's "Course at a Glance" Description of AP Environmental Science</a></p>			
<p style="text-align: center;"><b>Course Progression</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> <p><u>Quarter 1 (or 3) – 40% of Final Grade</u></p> <ul style="list-style-type: none"> <li>1-2 Sustainability &amp; Systems</li> <li>3-4 Ecosystems &amp; Evolution</li> <li>5-6 Populations</li> <li>7-8 Biomes</li> <li>9-11 Sustaining Biodiversity</li> </ul> <p>CUMULATIVE FINAL EXAM – 20% of Final Grade</p> </td> <td style="width: 50%; border: none; vertical-align: top;"> <p><u>Quarter 2 (or 4) – 40% of Final Grade</u></p> <ul style="list-style-type: none"> <li>12-13 Food &amp; Water Resources</li> <li>14-16 Geology &amp; Energy Resources</li> <li>17-19 Health, Air Pollution &amp; Climate Change</li> <li>20-21 Water Pollution &amp; Waste</li> <li>22-24 Cities, Economics &amp; Politics</li> </ul> <p>AP EXAM in May (optional for college credit)</p> </td> </tr> </table>		<p><u>Quarter 1 (or 3) – 40% of Final Grade</u></p> <ul style="list-style-type: none"> <li>1-2 Sustainability &amp; Systems</li> <li>3-4 Ecosystems &amp; Evolution</li> <li>5-6 Populations</li> <li>7-8 Biomes</li> <li>9-11 Sustaining Biodiversity</li> </ul> <p>CUMULATIVE FINAL EXAM – 20% of Final Grade</p>	<p><u>Quarter 2 (or 4) – 40% of Final Grade</u></p> <ul style="list-style-type: none"> <li>12-13 Food &amp; Water Resources</li> <li>14-16 Geology &amp; Energy Resources</li> <li>17-19 Health, Air Pollution &amp; Climate Change</li> <li>20-21 Water Pollution &amp; Waste</li> <li>22-24 Cities, Economics &amp; Politics</li> </ul> <p>AP EXAM in May (optional for college credit)</p>
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<p style="text-align: center;"><b>Grading</b></p> <ul style="list-style-type: none"> <li>- <u>Grade Weights</u> Major Assessments: 70% Tests &amp; Major Projects Minor Assessments: 30% Labs &amp; Minor Projects (25%) &amp; Service Hours (5%)</li> <li>- <u>Late Work</u> is accepted with 5 point deduction for each day until end of unit, with a 20 point cap on deduction.</li> </ul>	<p style="text-align: center;"><b>Resources</b></p> <p style="text-align: center;"><a href="#">College Board</a> website <a href="#">APES Review page</a> on class website</p> <p style="text-align: center;"><b>Materials</b></p> <p style="text-align: center;">Notebook (3-ring binder preferred) notebook paper / graph paper / pencils wetland boots (optional)</p>		
<p style="text-align: center;"><b>Field Experiences and Community Service</b></p> <p>APES has a strong field component, and students are required to participate in field experiences during class. Each student is also required to complete 12 hours of environmental community service throughout the semester. Students completing events not sponsored by Green Hope must fill out a service form and attach a photo. Activities that do not benefit the environment or an environmental organization do not count.</p>			
<p style="text-align: center;"><b>Correspondence</b></p> <p>Emails will be responded to within 24 business hours.</p> <p style="text-align: center;"><b>PowerSchool</b></p> <p>Grades are updated in PowerSchool frequently. Both students and parents should check PowerSchool weekly.</p>	<p style="text-align: center;"><b>SMART Lunch</b></p> <ul style="list-style-type: none"> <li>- The APES room (316) is open all of lunch every day for extra help.</li> <li>- Students who attend 4 SMART Lunches in a quarter will receive a 100 lab grade.</li> </ul>		