EAGLE MOUNTAIN SAGINAW ISD
Curriculum and Instruction

# AP Biology Parent Guide

The AP Biology course shifts from a traditional "content coverage" model of instruction to one that focuses on enduring, conceptual understandings and the content that supports them. This enables students to spend less time on factual recall and more time on inquiry-based learning of essential concepts and helps them develop the reasoning skills necessary to engage in the science practices used throughout their study of AP Biology. Students develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains.

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| **1st 6 Weeks:**<br>Chemistry of Life<br>Cell Structure and Function | **4th 6 Weeks:**<br>Gene Expression and Regulation<br>Natural Selection |
| **2nd 6 Weeks:**<br>Cell Energetics and Enzymes<br>Cell Communication and Cell Cycle | **5th 6 Weeks:**<br>Natural Selection<br>Ecology |
| **3rd 6 Weeks:**<br>Cell Communication and Cell Cycle<br>Heredity | **6th 6 Weeks:**<br>Ecology<br>AP Biology Review and Practice Exams<br>AP Biology Exam |

**Questions?** Please contact your course science teacher.

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