

Environmental Science

Scientific Skills and Processes ENS.I

- A** Students will identify and investigate problems scientifically and will communicate information clearly in writing, discussions, and debates. ENS.I.A

- B** The student will demonstrate an understanding of the nature of science and scientific reasoning and logic as it applies to environmental science. ENS.I.B

- C** The student will demonstrate an understanding of the use of mathematical reasoning and processes in environmental science. ENS.I.C

- D** The student will analyze current environmental issues and apply the process of engineering design in order to propose feasible solutions. ENS.I.D

The Physical World ENS.II

- A** The student will investigate and understand the fundamentals of matter and its interactions. ENS.II.A

- B** The student will investigate and understand how matter flows in the fundamental processes of Earth systems. ENS.II.B

- C** The students will investigate and understand the major processes and systems that form Earth, including how water, living things, and rock act together to shape landforms. ENS.II.C

The Living World ENS.III

- A** The student will investigate and understand that the Earth is one interconnected system to include the hierarchy and the flow of energy within an ecosystem. ENS.III.A

- B** Student will describe stability and change as it relates to both populations and ecosystems. ENS.III.B

Resources ENS.IV

- A** The student will investigate and understand Earth's resources. ENS.IV.A

- B** The student will investigate and understand conservation of Earth's resources. ENS.IV.A

Human impact, global climate change, and civic responsibility ENS.V

- A** The student will investigate and understand the human impact on our environment. ENS.V.A

- B** The student will investigate and understand pollution and waste management. ENS.V.B

C The student will investigate and understand global climate change. ENS.V.C

D The student will investigate and understand civic responsibility and environmental policies. ENS.V.D