



Watershed Guardians Supported Standards: (Updated Spring 2022)

Middle School (How environments interact)	High School (How we interact with environment)
MS-LS2-4 Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.	HS-ETS1-1: Analyze a major global challenge to specify qualitative and quantitative criteria and constraints for solutions that account for societal needs and wants.
MS-ESS3-3 Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.	HS-ESS2-5: Plan and conduct an investigation of the properties of water and its effects on Earth materials and surface processes.
MS-ESS3-4 Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.	HS-ESS3-4 Evaluate or refine a technological solution that reduces impacts of human activities on natural systems.

NOAA Climate Literacy: Both Middle and High School
EP-5-B Our understanding of the climate system is improved by observations, theoretical studies and monitoring. Environmental observations are the foundation for understanding the climate system.
EP-6-D Human activities are impacting the climate system. Some changes resulting from human activities have decreased the capacity of the environment to support various species and have substantially reduced ecosystem biodiversity and ecological resilience.