Washington Science

9th-12th Grades: Environmental and Sustainability Education

How can humans work with nature to design sustainable systems that benefit the environment, economy, and society for factors like public health, access to nature, and future access to natural resources?

1 **Engage in place-based learning to understand how the natural world, urban systems, and the economy interact, and through project-based learning, identify and address environmental problems to support equitable and sustainable systems in scales from local to global.** WA.HS.ESE.1

1 Apply understanding of ecological, social, and economic systems to develop and communicate solutions for environmental issues at local, regional, national, tribal, and global scales. HS.ESE.1-1

2 Engage in place-based inquiry to gather, analyze, and evaluate information, modeling connections that explain one or more ways that humans can support natural and human-built environments for environmental sustainability or climate change resiliency. HS.ESE.1-2

3 Conduct a project that specifies a local influence on a global environmental problem, identifies solution paths, takes steps to solve the problem, and reports results to demonstrate the knowledge, attitudes, and understanding of personal and civic responsibility required to ensure environmental justice and sustainable communities. HS.ESE.1-3