The purpose of this unit, *Project AWARE: Stewards for Clean Water*, is to develop a framework for students to become knowledgeable and aware of the interactions and interdependencies between the *Air*, *Water*, *Animals*, and the natural *Resources* that make-up *Environments* across the globe (NGSS: atmosphere, hydrosphere, biosphere, and geosphere.) The variety of lessons and experiential investigations in this unit help to develop conceptual understanding and knowledge of just how our living planet *Earth* works. It provides the opportunity to ‘stop, observe, and think’ about interdependent relationships in nature within our immediate environment, as well as those areas without boundaries. By directly involving the students with hands-on activities, they will connect, apply, and extend their experiences and understanding to higher complex sustainability issues in the future, such as climate changes and adaptations that are occurring globally. It is my hope that students will be inspired, as they gain appreciation, acquire knowledge, develop passion, and act as a respectful and responsible individual, to protect the complex yet delicate balance of the environment for a healthier tomorrow.