

King County Re+ Program: EcoConnections Elementary Workshop Standards

This document lists the key Washington State Science Learning Standards (WSSLS) that are supported by the King County Re+ elementary workshops, including the Environmental and Sustainability Education Standards (ESE) and Next Generation Science Standards (NGSS). Workshops currently offered include *Storytelling with Noodle the Gnome* (Grade K-1), *Healthy Habitats* (Grades 2-3), *Our Climate R Choices* (Grades 4-5), *Habitat Stewardship* (Grades 4-5), *Garbology and the Science of Decomposition* (Grades 4-5), and *Hábitat Saludables* (Grades 4-5, Spanish Language).

Elementary School Standards:

Science Learning Standards (NGSS) / WSSLS	Storytelling with Noodle the Gnome (Grades K-1)	Healthy Habitats (Grades 2-3)	Our Climate R Choices (Grades 4-5)	Habitat Stewardship (Grades 4-5)	Hábitat Saludables (Grades 4-5)	Garbology (Grades 4-5)
K-ESS3-3 Communicate solutions that will reduce the impact of humans on land, water, air, and/or other living things in the local environment.	•					
2-LS4-1 Make observations of plants and animals to compare the diversity of life in different habitats.		•				
3-ESS3-2 Obtain and combine information to describe climates in different regions of the world.		•		•	•	
3-5-ETS1-2 Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.		•				
3-LS4-3 Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.		•				
3-LS4-4 Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.		•				
4-ESS3-1 Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.			•			

5-ESS3-1 Obtain and combine information about ways individual communities use science ideas to protect the Earth’s resources and environment.			•	•	•	•
5-LS2-1 Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.						•

Environmental and Sustainability Learning Standards (ESE) (Note: ESE standards do not include specific grade level expectations.)	Storytelling with Noodle the Gnome (Grades K-1)	Healthy Habitat (Grades 2-3)	Our Climate R Choices (Grades 4-5)	Habitat Stewardship (Grades 4-5)	Hábitat Saludables (Grades 4-5)	Garbology (Grades 4-5)
ESE Standard 1: Ecological, Social, and Economic Systems Students develop knowledge of the interconnections and interdependency of ecological, social, and economic systems. They demonstrate understanding of how the health of these systems determines the sustainability of natural and human communities at local, regional, national and global levels.	•	•	•	•	•	•
ESE Standard 2: The Natural and Built Environment Make observations of plants and animals to compare the diversity of life in different habitats.	•	•		•	•	
ESE Standard 3: Sustainability and Civic Responsibility Students develop and apply the knowledge, perspective, vision, skills and habits of mind necessary to make personal and collective decisions and take actions that promote sustainability.	•	•	•	•	•	•