

Washington State's Essential Academic Learning Requirements

Presentation	Grade Levels	Associated EALRs
Papermaking	K-6	Science 3.2: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, The Arts 1.1: Understands arts concepts and vocabulary, 1.2: Develops arts skills and techniques, 1.3: Understands and applies arts styles from various artists, cultures, and times, Social Studies: History 2.2: Understand how ideas and technological developments influence people, culture, and environment
Worms and Worm Bins	K-5	Science 1.1: Understand how properties are used to identify, describe, and categorize substances, materials, and objects and how characteristics are used to categorize living things, 1.3: Understand how interactions within and among systems cause changes in matter and energy, 2.1: Develop the knowledge and skills necessary to do scientific inquiry, 3.2: Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, Social Studies: Geography 3.1: Identify and examine people's interaction with and impact on the environment, 3.2: Analyze how the environment and environmental changes affect people, Writing 1.3: apply writing conventions
Hazardous Consequences	2-5	Science 1.2: Understand how components, structures, organizations, and interconnections describe systems, 3.2: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, 2.1: communicate clearly to a range of audiences for different purposes, 4.2: seek and offer feedback, Social Studies: Geography 1.1: Use and construct maps, charts, and other resources to gather and interpret geographic information, 1.2: Recognize spatial patterns on Earth's surface and understand the processes that create these patterns, 2.2: Describe the patterns humans make on places and regions, 3.1: Identify and examine people's interaction with and impact on the environment, 3.3: Examine cultural characteristics, transmission, diffusion and interaction, Health and Fitness 3.1: Understand how environmental factors affect one's health. (air, water, noise, chemicals)
Danger and Danger Household Detective Agency: The Case of the Disappearing Garbage and Recyclables	2-6	Science 3.2: Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Mathematics 1.1: understand and apply concepts and procedures from number sense, 1.2: understand and apply concepts and procedures from measurement, Social Studies: Economics 1.1: Understand that the condition

Presentation	Grade Levels	Associated EALRs
		<p>of scarcity requires people to choose among alternatives and bear the consequences of that choice, 1.2: Understand that the availability and use of resources influences the production of goods and services in the economy, 2.3: Understand that prices in competitive markets create incentives that influence the choices of buyers and sellers, Social Studies: Geography 1.1: Use and construct maps, charts, and other resources to gather and interpret geographic information, 3.1: Identify and examine people’s interaction with and impact on the environment, The Arts 2.1: Applies a creative process in the arts, Writing 1.3: apply writing conventions, Reading 1.1: Use word recognition skills and strategies to read and comprehend text., 2.1: Demonstrate evidence of reading comprehension, 2.2: Understand and apply knowledge of text components to comprehend text, 3.1: Read to learn new information.</p>
Litter in its Place	2-6	<p>Science 3.2: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, 2.2, 3.3, Social Studies: Geography 2.2: Describe the patterns humans make on places and regions, 3.1: Identify and examine people’s interaction with and impact on the environment, The Arts 2.1: Applies a creative process in the arts, 3.1: Uses the arts to express and present ideas and feelings, Health and Fitness 3.1: Understand how environmental factors affect one’s health. (air, water, noise, chemicals), Reading 1.1: Use word recognition skills and strategies to read and comprehend text., 2.1: Demonstrate evidence of reading comprehension.</p>
Closing the Loop	3-6	<p>Science 3.2: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Communication 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, 3.1: use language to interact effectively and responsibly with others, 3.2: work cooperatively as a member of a group, 3.3: seek agreement and solutions through discussion, Mathematics 1.1: understand and apply concepts and procedures from number sense, 1.3: understand and apply concepts and procures from geometric sense, Social Studies: Economics 1.1: Understand that the condition of scarcity requires people to choose among alternatives and bear the consequences of that choice, 1.2: Understand that the availability and use of resources influences the production of goods and services in the economy, Social Studies: Geography 3.1: Identify and examine people’s interaction with and impact on the environment, 3.2: Analyze how the environment and environmental changes affect people, Reading 2.1: Demonstrate evidence of reading comprehension.</p>

Presentation	Grade Levels	Associated EALRs
Waste-Free Holiday	3-6	<p>Science 3.2: Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, The Arts 2.1 Applies a creative process in the arts, Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, Social Studies: Geography 3.1: Identify and examine people’s interaction with and impact on the environment</p>
Cautions and Warnings and Dangers, Oh My!	4-6	<p>Science 3.2: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, 2.3: use effective delivery, 3.1: use language to interact effectively and responsibly with others, 3.2: work cooperatively as a member of a group, Mathematics 1.2: understand and apply concepts and procedures from measurement, 1.3: understand and apply concepts and procedures from geometric sense, Social Studies: Geography 3.1: Identify and examine people’s interaction with and impact on the environment, 3.2: Analyze how the environment and environmental changes affect people, Health and Fitness 2.3: Acquire skills to live safely and reduce health risks, 3.1: Understand how environmental factors affect one’s health. (air, water, noise, chemicals), 3.2: Gather and analyze health information, Reading 1.3, 1.4</p>
Danger and Danger Household Detective Agency: The Case of the Horrible Hazard Horde	4-6	<p>Science 3.2: Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Mathematics 1.1: understand and apply concepts and procedures from number sense, 1.2: understand and apply concepts and procedures from measurement, Health and Fitness 2.3: Acquire skills to live safely and reduce health risks, 3.1: Understand how environmental factors affect one’s health. (air, water, noise, chemicals), 3.2: Gather and analyze health information, Economics 2.3: Understand that prices in competitive markets create incentives that influence the choices of buyers and sellers, The Arts 2.1: Applies a creative process in the arts, Writing 1.3: apply writing conventions, Reading 1.1: Use word recognition skills and strategies to read and comprehend text., 2.1: Demonstrate evidence of reading comprehension, 3.1: Read to learn new information.</p>
Smart Shopper	4-6	<p>Science 3.2: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Mathematics 1.1: understand and apply concepts and procedures from number sense, 1.2: understand and apply concepts and procedures from measurement, 2.2: formulate questions and define the problem, 4.1: gather information, 5.3: relate</p>

Presentation	Grade Levels	Associated EALRs
		<p>mathematical concepts and procedures to real-life situations, Social Studies: Civics 2.2: Understand the function and effect of law, Social Studies: Economics 1.1: Understand that the condition of scarcity requires people to choose among alternatives and bear the consequences of that choice, 1.2: Understand that the availability and use of resources influences the production of goods and services in the economy, 2.3: Understand that prices in competitive markets create incentives that influence the choices of buyers and sellers., Social Studies Geography 3.1: Identify and examine people’s interaction with and impact on the environment, 3.2: Analyze how the environment and environmental changes affect people, Health and Fitness 3.4: Understand how emotions influence decision making</p>
Face the Waste	5-12	<p>Science 3.2: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, 2.1: communicate clearly to a range of audiences for different purposes, 2.3: use effective delivery, 2.4: use effective language and style, 2.5: effectively use action, sound, and/or images to support presentations, 3.2: work cooperatively as a member of a group, Social Studies: Civics 1.3: Examine representative government and citizen participation, 4.1: Understand individual rights and their accompanying responsibilities including problem-solving and decision-making at the local, state, national, and international level, 4.3: Explain how various stakeholders influence public policy, Social Studies: Geography 3.1: Identify and examine people’s interaction with and impact on the environment, 3.2: Analyze how the environment and environmental changes affect people, The Arts 3.2: Uses the arts to communicate for a specific purpose, Health and Fitness 3.1: Understand how environmental factors affect one’s health. (air, water, noise, chemicals), 3.3: Use social skills to promote health and safety in a variety of situations, 3.4: Understand how emotions influence decision making, Reading 2.4: Think critically and analyze author’s use of language, style, purpose, and perspective in informational and literary text, 3.1: Read to learn new information.</p>
Lead the Way	5-12	<p>Science 3.2: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Communications 2.1: communicate clearly to a range of audiences for different purposes, 2.2: develop content and ideas, 2.3: use effective delivery, 2.4: use effective language and style, 2.5: effectively use action, sound, and/or images to support presentations, 3.1: use language to interact effectively and responsibly with others, 3.2: work cooperatively as a member of a group, 3.3: seek agreement and solutions through discussion, Writing 1.1: develop concept and design, 1.2: use</p>

Presentation	Grade Levels	Associated EALRs
		<p>style appropriate to the audience and purpose, 1.3: apply writing conventions, 2.1: write for different audiences, 2.2: write for different purposes, Mathematics 1.1: understand and apply concepts and procedures from number sense, 1.2: understand and apply concepts and procedures from measurement, 1.4: understand and apply concepts and procedures from probability and statistics, 2.1: investigate situations, 2.2: formulate questions and define the problem , 2.3: construct solutions, 3.1: analyze information, 3.2: predict results and make inferences and make conjectures based on analysis of problem situations, 3.3: draw conclusions and verify results, 4.1: gather information, 4.2: organize and interpret information, 4.3: represent and share information, 5.2: relate mathematical concepts and procedures to other disciplines, 5.3: relate mathematical concepts and procedures to real-life situations, Social Studies: Geography 3.1: Identify and examine people’s interaction with and impact on the environment, The Arts 2.1: Applies a creative process in the arts, 3.1: Uses the arts to express and present ideas and feelings, 3.2: Uses the arts to communicate for a specific purpose</p>
Powerful Choices for the Environment	6-8	<p>Science 1.2: Structures: Understand how components, structures, organizations, and interconnections describe systems, 1.3: Changes: Understand how interactions within and among systems cause changes in matter and energy 2.1: Develop the knowledge and skills necessary to do scientific inquiry, 2.2: Nature of Science: Understand the nature of scientific inquiry, 3.1: Designing Solutions: Apply knowledge and skills of science and technology to design solutions to human problems or meet challenges, Science 3.2: Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment,</p>
The Consumption Connection	6-8	<p>Science 3.2: Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Mathematics 1.1: understand and apply concepts and procedures from number sense, 1.2: understand and apply concepts and procedures from measurement, Social Studies: Civics 4.1: Understand individual rights and their accompanying responsibilities including problem-solving and decision-making at the local, state, national, and international level, 4.2: Identify and demonstrate rights of United States citizenship related to school, local, state, national, and international issues, 4.3: Explain how various stakeholders influence public policy, Social Studies: Economics 1.1: Understand that the condition of scarcity requires people to choose among alternatives and bear the consequences of that choice, 1.2: Understand that the availability and use of resources influences the production of goods and services in the economy, 2.1: Recognize that both buyers</p>

Presentation	Grade Levels	Associated EALRs
		and sellers participate in voluntary trade because both expect to gain, 2.3: Understand that prices in competitive markets create incentives that influence the choices of buyers and sellers, Social Studies: Geography 3.1: Identify and examine people’s interaction with and impact on the environment, 3.2: Analyze how the environment and environmental changes affect people
Toxic Bingo	7-9	Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, Social Studies: Geography 3.1: Identify and examine people’s interaction with and impact on the environment, 3.2: Analyze how the environment and environmental changes affect people, Health and Fitness 2.3: Acquire skills to live safely and reduce health risks, 3.1: Understand how environmental factors affect one’s health. (air, water, noise, chemicals).
Colormetric Testing Kits	9-12	Science 1.1: Understand how properties are used to identify, describe, and categorize substances, materials, and objects and how characteristics are used to categorize living things, Science 1.2: Understand how components, structures, organizations, and interconnections describe systems 2.1: Develop the knowledge and skills necessary to do scientific inquiry, 3.1: Designing solutions: Apply knowledge and skills of science and technology to design solutions to human problems or meet challenges, 3.2: Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, Mathematics 1.1: understand and apply concepts and procedures from number sense, 1.2: understand and apply concepts and procedures from measurement,, Health and Fitness 3.1: Understand how environmental factors affect one’s health. (air, water, noise, chemicals).
Groundwater Model	9-12	Science 1.1: Understand how properties are used to identify, describe, and categorize substances, materials, and objects and how characteristics are used to categorize living things, Science 1.2: Understand how components, structures, organizations, and interconnections describe systems 1.3: Understand how interactions within and among systems cause changes in matter and energy, 2.1: Develop the knowledge and skills necessary to do scientific inquiry, 3.1: Designing solutions: Apply knowledge and skills of science and technology to design solutions to human problems or meet challenges, 3.2: Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, Social Studies: Geography 3.1: Identify and examine people’s interaction with and impact on the environment, 3.2: Analyze how the environment and environmental

Presentation	Grade Levels	Associated EALRs
Household Hazardous Waste Impacts on Biology	9-12	<p>changes affect people</p> <p>Science 1.2: Understand how components, structures, organizations, and interconnections describe systems 1.3: Understand how interactions within and among systems cause changes in matter and energy, 2.1: Develop the knowledge and skills necessary to do scientific inquiry, 3.1: Designing solutions: Apply knowledge and skills of science and technology to design solutions to human problems or meet challenges, 3.2: Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment, Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information, Social Studies: Geography 3.1: Identify and examine people’s interaction with and impact on the environment, 3.2: Analyze how the environment and environmental changes affect people, Health and Fitness 3.1: Understand how environmental factors affect one’s health. (air, water, noise, chemicals), 3.2: Gather and analyze health information, Social Studies: History 2.2: Understand how ideas and technological developments influence people, culture, and environment</p>
Plant Uptake of Environmental Contaminants	9-12	<p>Science 1.1: Understand how properties are used to identify, describe, and categorize substances, materials, and objects and how characteristics are used to categorize living things, Science 1.2: Understand how components, structures, organizations, and interconnections describe systems, 3.1: Designing solutions: Apply knowledge and skills of science and technology to design solutions to human problems or meet challenges, 3.2: Science, Technology, and Society: Analyze how science and technology are human endeavors, interrelated to each other, society, the workplace, and the environment. Communications 1.1: Focus attention, 1.2: listen and observe to gain and interpret information,</p>