

## PROJECT WET SCIENCE SOL CORRELATIONS

### Science K.2

The student will investigate and understand that humans have senses including sight, smell, hearing, touch and taste. Senses allow one to seek, find, take in and react or respond to information in order to learn about one's surroundings.

*The Long Haul*  
*Common Water*

### Science K.5

The students will investigate and understand that water has properties that can be observed and tested.

*Water Match*

### Science K.8

The student will investigate and understand simple patterns in his/her daily life.

*House of Seasons*

### Science K.9

The student will investigate and understand that change occurs over time, and rates may be fast or slow.

*Rainy Day Hike*

### Science K.10

The student will investigate and understand that materials can be reused, recycled, and conserved.

*The Long Haul*

### *Pass the Jug*

### Science 1.4

The student will investigate and understand that plants have life needs and functional parts and can be classified according to certain characteristics.

*Life Box*

### Science 1.5

The student will investigate and understand that animals, including people, have life needs and specific physical characteristics and can be classified according to certain characteristics.

*Common Water (K-2 Option)*  
*Aqua Notes*  
*Aqua Bodies*

### Science 1.6

The student will investigate and understand the basic relationships between the sun and the Earth.

*Life Box*

### Science 1.7

The student will investigate and understand the relationship of seasonal change and weather to the activities and life processes of plants and animals.

*House of Seasons*  
*The Thunderstorm*  
*Poetic Precipitation*

Science 1.8

The student will investigate and understand that natural resources are limited.

*Choices and Preferences  
(K-2 Option)*

*Irrigation Interpretation  
(K-2 Option)*

*Water Match  
Pass the Jug*

Science 2.3

The students will investigate and understand basic properties of solids, liquids, and gases.

*Water Match*

Science 2.5

The student will investigate and understand that living things are part of a system.

*Common Water*

Science 2.6

The student will investigate and understand basic types and patterns of weather.

*The Thunderstorm  
Poetic Precipitation  
Rainy Day Hike*

Science 2.7

The student will investigate and understand that weather and seasonal changes affect plants, animals, and their surroundings.

*House of Seasons*

Science 3.2

The student will investigate and understand simple machines and their uses.

*Energetic Water*

Science 3.3

The student will investigate and understand that objects can be described in terms of the materials they are made of and their physical properties.

*Molecules in Motion*

Science 3.5

The student will investigate and understand relationships among organisms in aquatic and terrestrial food chains.

*Salt Marsh Players*

Science 3.6

The student will investigate and understand that environments support a diversity of plants and animals that share limited resources.

*Water Address  
Capture, Store and Release  
Life in the Fast Lane*

Science 3.7

The student will investigate and understand the major components of soil, its origin, and importance to plants and animals including humans.

*Wetland Soils in Living color  
Just Passing Through  
Irrigation Interpretation*

Science 3.8  
occurring in nature.

*Salt Marsh Players*

Science 3.9  
The student will investigate and understand the water cycle and its relationship to life on Earth.

*Incredible Journey*  
*Water Models*  
*Money Down the Drain*  
*Water Meter*  
*Water Concentration*  
*The Long Haul*

Science 3.10  
The student will investigate and understand that natural events and human influences can affect the survival of species.

*Amazing Water*  
*Capture, Store, and Release*

Science 3.11  
The student will investigate and understand different sources of energy.

*Energetic Water*

Science 4.2  
The student will investigate and understand that energy is needed to do work and that machines make work easier.

*Energetic Water*

The student will investigate and understand basic sequences and cycles

Science 4.4  
The student will investigate and understand basic plant anatomy and life processes.

*Thirsty Plants*

Standard: Science 4.5                      The student will investigate and understand how plants and animals in an ecosystem interact with one another and the nonliving environment.

*Water Address*  
*Humpty Dumpty*  
*MacroInvertebrate Mayhem*  
*Where are the Frogs?*

Science 4.6  
The students will investigate and understand how weather conditions and phenomena occur and can be predicted.

*The Thunderstorm*  
*Piece It Together*

Science 4.8  
The student will investigate and understand important Virginia natural resources.

*Rainy Day Hike*  
*Branching Out*  
*Capture Store and Release*  
*Drop In A Bucket*  
*Common Water*

Science 5.2  
The student will investigate and understand how sound is transmitted and is used as a means of communication.

*Cold Cash in the Icebox*  
*Molecules in Motion*

Science 5.5  
The student will investigate and understand that organisms are made of cells and have distinguishing characteristics.

*Macroinvertebrate Mayhem*

Science 5.6  
The student will investigate and understand characteristics of the ocean environment.

*Great Water Journeys*  
*Salt Marsh Players*

Science 5.7  
The student will investigate and understand how the Earth's surface is constantly changing.

*Great Storybook*  
*Old Water*  
*Water Messages in Stone*  
*Just Passing Through*

Science 6.2  
The student will demonstrate scientific reasoning and logic.

*Rainsticks*

Science 5.4  
The student will investigate and understand that matter is anything that has mass; takes up space; and occurs as a solid, liquid or gas.

*Poetic Precipitation*

*Adventures in Density*  
*H2O Olympics*

Science 6.3  
The student will investigate and understand sources of energy and their transformations.

*Energetic Water*

Science 6.6  
The student will investigate and understand how to classify materials as elements, compounds, or mixtures.

*Is There Water on Zork?*  
*What Is the Solution?*

Science 6.8  
The student will investigate and understand that organisms perform life processes that are essential for the survival and perpetuation of the species.

*Thirsty Plants*

Science 6.9  
The student will investigate and understand that organisms depend on other organisms and the nonliving components of the environment.

*Imagine*  
*The Incredible Journey*  
*Water Models*

Science 6.11

The student will investigate and understand public policy decisions relating to the environment.

*Money Down the Drain*  
*The Long Haul*  
*Sparkling Water*  
*Sum of the Parts*  
*Every Drop Counts*  
*Common Water*

Science: LS.4

The student will investigate and understand that the basic needs of organisms must be met in order to carry out life processes.

*Thirsty Plants*

Science LS.6

The student will investigate and understand the basic physical and chemical processes of photosynthesis and its importance to plant and animal life.

*Thirsty Plants*

Science LS.7

The student will investigate and understand that organisms within an ecosystem are dependent on one another and on nonliving components of the

environment.

*Life In the Fast Lane*  
*MacroInvertebrate Mayhem*

Science LS.9

The student will investigate and understand interactions among populations in a biological community.

*Poison Pump*  
*People of the Bog*  
*No Bellyachers!*

Science LS.10

The student will investigate and understand how organisms adapt to biotic and abiotic factors in a biome.

*Water Address*

Science LS.11

The student will investigate and understand that ecosystems, communities, populations, and organisms are dynamic and change over time (daily, seasonal, and long term).

*Nature Rules*  
*AfterMath*

Science LS.14

The student will investigate and understand that organisms change over time.

*Super Bowl Surge*

*Water Actions*  
*Reaching Your Limits*  
*Dilemma Derby*  
*Water Bill of Rights*

Science ES.3

The student will investigate and understand how to read and interpret maps, globes, models, charts, and imagery.

*Color Me a Watershed*

Science ES.4

The student will investigate and understand the characteristics of the Earth including plate tectonics; water in all three states; position of the Earth in the solar system; and effects of density differences and energy transfer on the activities of the atmosphere, oceans, and Earth's interior.

*Water Models*  
*Adventures in Density*  
*Molecules in Motion*

Science ES.7

The student will investigate and understand the differences between renewable and nonrenewable resources.

*Common Water*  
*Irrigation Interpretation*  
*Water Meter*  
*The Price is Right*  
*Dilemma Derby*

Science ES.9

The student will investigate and understand how freshwater resources are influenced by geologic processes and the activities of humans.

*Wetland Soils in Living Color*  
*Get the Groundwater Picture*  
*Branching Out*  
*The Pucker Effect*  
*A Grave Mistake*  
*Geyser Guts*  
*Incredible Journey*  
*Sparkling Water*

Science ES.10

The students will investigate and understand how freshwater resources are influenced by geologic processes and the activities of humans.

*The Great Stony Book*

Science ES.11

The student will investigate and understand that oceans are complex, interactive physical, chemical, and biological systems and are subject to long- and short-term variations.

*Hot Water*

Science ES.12

The student will investigate and understand the origin and evolution of the atmosphere and the interrelationship of geologic processes, biologic processes, and human activities on its composition and dynamics.

*Back to The Future*

*Dust Bowls and Failed Levees*

*Piece It Together*

*Wet Vacation*