Project WET Environmental Literacy Correlations – Grades 6-8

Adventures in Density

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

A-mazing Water

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1 – Identify and describe a local, regional, or global environmental issue.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 1.B.1 – Identify and describe that ecosystems can be impacted by human activities.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Back to the Future

- 1.A.1 – Identify and describe a local, regional, or global environmental issue.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 1.A.4 – Interpret tables and graphs produced by others and describe in words the relationships they show.
- 1.B.1; 1.B.2 – Propose and justify solutions to social studies problems.
- 6.B.1 – Describe ways people modify their environment to meet their needs, such as cultivating land, building roads, etc.
- 7.D.1 – Explain how regional population patterns, trends, and projections affect the environment and influence government policies.
- 8.A.1 – Identify and explain land use issues that illustrate the conflict between economic growth and using the environment.

Branching Out

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Common Water

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1 – Identify and describe a local, regional, or global environmental issue.
- 1.A.1; 5.A.1; 5.B.1; 6.C.1; 7.A.1; 7.B.1 – Analyze why and how people modify their natural environment and the impact of those modifications.

- 1.A.1; 5.B.1 – Analyze the decisions that people made because resources were limited relative to economic wants for goods and services.
- 1.B.3; 5.A.1; 5.A.2; 5.B.1; 6.B.1; 7.D.1 – Recognize and describe that environmental changes can have local, regional, or global consequences.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.
- 5.B.1 – Recognize and explain the impact of a changing human population on the use of natural resources.
- 7.E.1 – Compare how scarce resources affected the decisions of consumers and producers in different regions of the United States.

Dilemma Derby

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1 – Identify and describe a local, regional, or global environmental issue.
- 1.B.1 – Identify and describe that ecosystems can be impacted by human activities.
- 1.B.1; 1.B.2 – Propose and justify solutions to social studies problems.
- 8.A.1 – Understand and apply the basic concept of sustainability to natural and human communities.

A Drop in the Bucket

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.

Easy Street

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.B.1; 1.B.2 – Propose and justify solutions to social studies problems.
- 5.A.1; 5.A.2; 6.B.1; 7.A.1 – Recognize and explain how human activities can accelerate or magnify many naturally occurring changes.
- 7.F.1 – Analyze how technological changes have affected consumption and production in the contemporary world.
- 8.A.1 – Understand and apply the basic concept of sustainability to natural and human communities.
- 8.D.1 – recognize and explain the impact of a changing human population on the use of natural resources.

Energetic Water

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

- 7.F.1 – Realize that design usually requires taking constraints into account. (Some constraints, such as gravity or the properties of the materials to be used, are unavoidable.)

Every Drop Counts

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1 – Identify and describe a local, regional, or global environmental issue.
- 7.F.1 – Analyze how technological changes have affected consumption…in the contemporary world.
- 8.A.1 – Understand and apply the basic concept of sustainability to natural and human communities.

Get the Ground Water Picture

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Geyser Guts

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

A Grave Mistake

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1 – Identify and describe a local, regional, or global environmental issue.
- 1.A.1; 5.A.1; 5.B.1; 6.C.1; 7.A.1; 7.B.1 – Analyze why and how people modify their natural environment and the impact of those modifications.
- 1.A.3 – Identify a problem/situation that requires further study.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 1.B.1 – Identify and describe that ecosystems can be impacted by human activities.
- 1.B.2; 1.B.3; 5.A.1; 5.A.2; 6.B.1 – Recognize and explain that human-caused changes have consequences for Maryland's environment as well as for other places and future times

The Great Stony Book

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.A.1; 2.B.1 – Cite evidence to demonstrate and explain that physical weathering and chemical weathering cause changes to Earth materials.

- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

H_2Olympics

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Hanging Together

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Humpty Dumpty

- 1.A.1; 1.B.1; 1.B.3 – Identify and describe how human activities produce changes in natural processes.
- 1.A.1; 5.A.1; 5.B.1; 6.C.1; 7.A.1; 7.B.1 – Analyze why and how people modify their natural environment and the impact of those modifications.
- 1.B.1 – Identify and describe that ecosystems can be impacted by human activities.
- 1.B.2; 1.B.3; 5.A.1; 5.A.2; 5.B.1; 6.B.1; 8.A.18.B.1 – Recognize and explain that human-caused changes have consequences for Maryland's environment as well as for other places and future times.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Imagine!

- 2.A.1 – Cite evidence to explain the relationship between the hydrosphere and atmosphere.

The Incredible Journey

- 2.A.1 – Cite evidence to explain the relationship between the hydrosphere and atmosphere.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Irrigation Interpretation

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1; 5.A.1; 5.B.1; 6.C.1; 7.A.1; 7.B.1 – Analyze why and how people modify their natural environment and the impact of those modifications.

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 1.B.3; 5.A.1; 5.A.2; 5.B.1; 6.B.1; 7.D.1 – Recognize and describe that environmental changes can have local, regional, or global consequences.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.
- 4.E.1 – Explain that in any particular environment, the growth and survival of organisms and species depend on the physical conditions.

Is There Water on Zork?

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.

Just Passing Through

- 2.A.1; 2.B.1 – Cite evidence to demonstrate and explain that physical weathering and chemical weathering cause changes to Earth materials.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.
- 3.B.3; 4.C.1; 5.A.1; 5.A.2; 5.B.1; 6.B.1; 7.A.1 – Recognize and explain how human activities can accelerate or magnify many naturally occurring changes.

Let's Even Things Out

- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Life in the Fast Lane

- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.
- 3.C.1; 4.B.1; 4.C.1; 4.D.1 – Give reasons supporting the fact that the number of organisms an environment can support depends on the physical conditions…
- 4.A.1 – Explain that the transfer and transformation of matter and energy links organisms to one another and to their physical setting.
- 4.E.1 – Explain that in any particular environment, the growth and survival of organisms and species depend on the physical conditions.

The Long Haul

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.

Macroinvertebrate Mayhem

- 1.A.1; 5.A.1; 5.B.1; 6.C.1; 7.A.1; 7.B.1 – Analyze why and how people modify their natural environment and the impact of those modifications.
- 1.B.1 – Identify and describe that ecosystems can be impacted by human activities.

- 4.B.1; 4.C.1; 4.D.1 – Give reasons supporting the fact that the number of organisms an environment can support depends on the physical conditions…
- 4.E.1 – Explain that in any particular environment, the growth and survival of organisms and species depend on the physical conditions.

Money Down the Drain

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1 – Identify and describe a local, regional, or global environmental issue.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Nature Rules!

- 3.B.3; 4.C.1; 5.A.1; 5.A.2; 5.B.1; 6.B.1; 7.A.1 – Recognize and explain how human activities can accelerate or magnify many naturally occurring changes.
- 1.A.1; 5.A.1; 5.B.1; 6.C.1; 7.A.1; 7.B.1 – Analyze why and how people modify their natural environment and the impact of those modifications.

No Bellyachers

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Pass the Jug

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1; 5.B.1 – Analyze the decisions that people made because resources were limited relative to economic wants for goods and services.
- 1.B.1; 1.B.2 – Propose and justify solutions to social studies problems.
- 5.B.1 – Recognize and explain the impact of a changing human population on the use of natural resources.
- 7.D.1 – Explain how regional population patterns, trends, and projections affect the environment and influence government policies.
- 7.E.1 – Compare how scarce resources affected the decisions of consumers and producers in different regions of the United States.
- 8.A.1 – Understand and apply the basic concept of sustainability to natural and human communities.

People of the Bog

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.

- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.
- 4.E.1 – Explain that in any particular environment, the growth and survival of organisms and species depend on the physical conditions.

Perspectives

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1 – Identify and describe a local, regional, or global environmental issue.
- 1.B.1; 1.B.2 – Propose and justify solutions to social studies problems.

Piece It Together

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1; 4.C.1; 5.A.1; 5.A.2; B.1; 7.A.1; 7.B.1 – Analyze why and how people modify their natural environment and the impact of those modifications.
- 2.A.1; 3.B.2 – Cite evidence to explain the relationship between the hydrosphere and atmosphere.
- 3.B.1 – Recognize and describe that as the Earth orbits the sun, the tilt of the Earth's axis causes seasonal differences in the northern and southern latitudes.
- 3.B.3; 6.A.1 – Recognize and describe the various factors that affect climate.

Poetic Precipitation

- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

Poison Pump

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 7.D.1 – Evaluate ways citizens use, monitor, and influence the implementation of public policy.

The Pucker Effect

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1; 5.A.1; 5.B.1; 6.C.1; 7.A.1; 7.B.1 – Analyze why and how people modify their natural environment and the impact of those modifications.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 1.B.1 – Identify and describe that ecosystems can be impacted by human activities.

- 1.B.2; 1.B.3; 5.A.1; 5.A.2; 6.B.1 – Recognize and explain that human-caused changes have consequences for Maryland's environment as well as for other places and future times.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.

The Rainstick

- 7.C.1 – Investigate cultural perspectives and dynamics and apply their understanding in context.
- 7.C.1 – Apply understandings of the elements of culture to the studies of the modern world regions, such as art, music…beliefs and customs.

Raining Cats and Dogs

- 7.C.1 – Investigate cultural perspectives and dynamics and apply their understanding in context.

Rainy-Day Hike

- 1.A.3 – Identify a problem/situation that requires further study.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.

Reaching Your Limits

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 7.A.1 – Evaluate the effectiveness of the various policies of government in addressing issues such as environmental concerns.
- 7.D.1 – Understand how different political systems account for, manage, and affect natural resources and environmental quality.
- 7.F.1 – Analyze how technological changes have affected consumption and production in the contemporary world.

Sparkling Water

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.
- 7.F.1 – Analyze how technological changes have affected consumption and production in the contemporary world.

Sum of the Parts

- 1.A.1 - Identify and describe a range of local issues that have an impact on people in other places.
- 1.A.1; 5.A.1; 5.B.1; 6.C.1; 7.A.1; 7.B.1 – Analyze why and how people modify their natural environment and the impact of those modifications.
- 1.B.1 – Identify and describe that ecosystems can be impacted by human activities.
- 5.B.1 – Recognize and explain the impact of a changing human population on…environmental quality.
- 6.B.1 – Describe ways people modified their environment to meet their needs.
- 7.F.1 – Realize that design usually requires taking constraints into account. (Constraints, including economic, political, social, ethical, and aesthetic ones limit choices.)

Super Bowl Surge

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 1.B.1 – Identify and describe that ecosystems can be impacted by human activities.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.
- 7.F.1 – Analyze how technological changes have affected consumption and production in the contemporary world.

Super Sleuths

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.

Thirsty Plants

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.A.1; 2.B.2 – Cite evidence to explain the relationship between the hydrosphere and atmosphere.
- 3.A.1; 4.A.1 – Explain that the transfer of matter and energy links organisms…to their physical environment.

Water Address

- 4.E.1 – Explain that in any particular environment, the growth and survival of organisms and species depend on the physical conditions.

Water Bill of Rights

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 7.A.1 – Evaluate the effectiveness of the various policies of government in addressing issues such as environmental concerns.
- 7.D.1 – Understand how different political systems account for, manage, and affect natural resources and environmental quality.
- 8.A.1 – Understand and apply the basic concept of sustainability to natural and human communities.

Water Celebration

- 7.C.1 – Investigate cultural perspectives and dynamics and apply their understanding in context.

Water Crossings

- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.
- 7.F.1 – Realize that design usually requires taking constraints into account.

Water Messages in Stone

- 7.C.1 – Investigate cultural perspectives and dynamics and apply their understanding in context.

Water Meter

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 8.A.1 – Understand and apply the basic concept of sustainability to natural and human communities.

Water Models

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.A.1; 2.B.2 – Cite evidence to explain the relationship between the hydrosphere and atmosphere.
- 2.B.2; 4.D.1; 4.D.2 – Analyze the value and the limitations of different types of models in explaining real things and processes.
- 4.A.1 – Explain that the transfer of matter and energy links organisms to one another and to their physical setting.
- 4.B.1; 4.C.1; 4.D.1 – Give reasons supporting the fact that the number of organisms an environment can support depends on the physical conditions…

Water: Read All About It!

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1 – Identify and describe a local, regional, or global environmental issue.
- 1.B.1; 1.B.2 – Propose and justify solutions to social studies problems.

Water Works

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 5.B.1 – Analyze the decisions that people make because natural resources are limited relative to economic wants for goods and services.
- 7.F.1 – Analyze how technological changes have affected consumption and production in the contemporary world.
- 8.C.1 – Identify the tradeoffs of using resources to pursue economic opportunities v. preserving the environment, such as water use.
- 8.E.1 – Explain how the physical …characteristics of a region affect its economic growth and the way people make a living.

Wetland Soils in Living Color

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.

Wet Vacation

- 2.A.1; 2.B.2 – Cite evidence to explain the relationship between the hydrosphere and atmosphere.
- 3.B.3; 6.A.1 – Recognize and describe the various factors that affect climate.
- 3.B.1 – Recognize and describe that as the Earth orbits the sun, the tilt of the Earth's axis causes changes in the angle of the sun in the sky during the year.

What's the Solution?

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.

Where Are the Frogs?

- 1.A.4 – Design, analyze, or carry out simple investigations and formulate appropriate conclusions based on data obtained or provided.
- 2.A.1 – Cite evidence to explain the relationship between the hydrosphere and atmosphere.
- 4.B.1; 4.C.1; 4.D.1 – Give reasons supporting the fact that the number of organisms an environment can support depends on the physical conditions…
- 4.E.1 – Explain that in any particular environment, the growth and survival of organisms and species depend on the physical conditions.

Whose Problem Is It?

- 1.A.1 – Identify and describe problems associated with obtaining, using, and distributing natural resources.
- 1.A.1 – Identify and describe a local, regional, or global environmental issue.
- 1.B.3; 5.A.1; 5.A.2; 5.B.1; 6.B.1; 7.D.1 – Recognize and describe that environmental changes can have local, regional, or global consequences.

Wish Book

- 7.C.1 – Investigate cultural perspectives and dynamics and apply their understanding in context.