

WET Correlations: SCIENCE GRADE 2

Grade 2 : Embedded Inquiry		
Learning Expectations	Checks for Understanding	Project WET Correlations
GLE 0207.Inq.1 Observe the world of familiar objects using the senses and tools.	GLE 0207.Inq.1 Use senses and simple tools to make observations.	wAteR in moTion (450)
GLE 0207.Inq.2 Ask questions, make logical predictions, plan investigations, and represent data. GLE 0207.Inq.3 Explain the data from an investigation.	GLE 0207.Inq.2 Communicate interest in simple phenomena and plan for simple investigations. GLE 0207.Inq.3 Communicate understanding of simple data using age appropriate vocabulary. GLE 0207.Inq.4 Collect, discuss, and communicate findings from a variety of investigations.	Branching Out! (129) Irrigation Interpretation (254)

Grade 2 : Embedded Technology & Engineering		
Learning Expectations	Checks for Understanding	Project WET Correlations
GLE 0207.T/E.1 Recognize that both natural materials and human-made tools have specific characteristics that determine their uses.	0207.T/E.1 Explain how simple tools are used to extend the senses, make life easier, and solve everyday problems.	
GLE 0207.T/E.2 Apply engineering design and creative thinking to solve practical problems.	0207.T/E.2 Invent designs for simple products. 0207.T/E.3 Use tools to measure materials and construct simple products.	A-maze-ing Water (219) Cold Cash in the Icebox (373) Energetic Water (242)

Grade 2 : Standard 1 - Cells

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0207.1.1 Recognize that plants and animals are made up of smaller parts and use food, water, and air to survive.</p>	<p>0207.1.1 Design a new living thing and explain how it would acquire food, water, and air.</p>	<p>Aqua Bodies (63) Aqua Notes (66) Branching Out! (129) Irrigation Interpretation (254) The Life Box (76)</p>

Grade 2 : Standard 2 - Interdependence

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0207.2.1 Investigate the habitats of different kinds of local plants and animals.</p> <p>GLE 0207.2.2 Investigate living things found in different places.</p> <p>GLE 0207.2.3 Identify basic ways that plants and animals depend on each other.</p>	<p>0207.2.1 Draw or use pictures of a local environment to label the plants and animals.</p> <p>0207.2.2 Investigate ways that plants and animals depend on each other.</p> <p>0207.2.3 Construct a flow chart that demonstrates how plants, animals, and the environment interact to provide basic life requirements.</p>	<p>Stream Sense (191)</p>

Grade 2 : Standard 3 - Flow of Matter and Energy

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0207.3.1 Recognize that animals eat plants or other animals for food.</p>	<p>0207.3.1 Describe the habitat of a particular organism based on its food, water, and air requirements.</p> <p>0207.3.2 Design a model of a habitat for an organism in which all of its needs would be met.</p>	<p>The Life Box (76)</p>

Grade 2 : Standard 4 - Heredity

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0207.4.1 Compare the life cycles of various organisms.</p> <p>GLE 0207.4.2 Realize that parents pass along physical characteristics to their offspring.</p>	<p>0207.4.1 Compare and contrast the life cycles of different organisms such as a chicken, butterfly, meal worm, frog, or human.</p> <p>0207.4.2 Sequence a collection of pictures or illustrations into the correct stages of an organism's life cycle.</p> <p>0207.4.3 Look for similarities in pictures of members from the same human family.</p> <p>0207.4.4 Create a graphic organizer that compares observable traits that offspring share with their parents.</p>	

Grade 2 : Standard 5 - Biodiversity and Change

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0207.5.1 Investigate the relationship between an animal’s characteristics and the features of the environment where it lives.</p> <p>GLE 0207.5.2 Draw conclusions from fossils about organisms that lived in the past.</p>	<p>0207.5.1 Compare and contrast the characteristics of organisms from two different environments.</p> <p>0207.5.2 Infer the characteristics needed by an organism to survive in a particular environment.</p> <p>0207.5.3 Observe fossils or pictures of fossils and make inferences about the organisms from which they originated.</p> <p>0207.5.4 Compare pictures of fossils with animals or plants that are living today.</p>	<p>Water Address (122)</p>

Grade 2: Standard 6 - Omitted

Grade 2 : Standard 7 – The Earth

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0207.7.1 Compare and record the components of a variety of soil types.</p> <p>GLE 0207.7.2 Describe rocks according to their origin, size, shape, texture, and color.</p> <p>GLE 0207.7.3 Differentiate between renewable and non–renewable resources.</p>	<p>0207.7.1 Sort, analyze, and compare a variety of soil types.</p> <p>0207.7.2 Observe rocks of different sizes with a hand lens and describe these materials according to their basic features.</p> <p>0207.7.3 Identify and categorize items in the classroom made from renewable or nonrenewable resources.</p>	

	0207.7.4 Identify simple methods for reusing the earth's resources.	
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Grade 2 : Standard 8 - The Atmosphere

Learning Expectations	Checks for Understanding	Project WET Correlations
GLE 0207.8.1 Associate temperature patterns with seasonal changes.	0207.8.1 Use records and graphs of seasonal temperature changes to draw conclusions about the weather during different times of the year.	A House of Seasons (155)

Grade 2 : Standard 9 - Matter

Learning Expectations	Checks for Understanding	Project WET Correlations
GLE 0207.9.1 Use tools to observe the physical properties of objects.	0207.9.1 Use tools such as hand lenses, measurement devices, and simple arm balances to gather data about the physical properties of different objects.	A-maze-ing Water (219) Energetic Water (242) Stream Sense (191) wAtEeR in moTion (450)
GLE 0207.9.2 Investigate how temperature changes affect the state of matter. GLE 0207.9.3 Recognize that air takes up space.	0207.9.2 Describe what happens when ice changes from a solid to a liquid. 0207.9.3 Describe what happens when water is heated to the point of evaporation. 0207.9.4 Explain what happens when a balloon is blown up and pops.	Cold Cash in the Icebox (373) A Drop in the Bucket (238) Molecules in Motion (47) Poetic Precipitation (182) The Thunderstorm (196) Water Match (50)

Grade 2 : Standard 10 - Energy

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0207.10.1 Explain why the sun is the primary source of the earth's energy.</p>	<p>0207.10.1 Identify and explain how the sun affects objects on the surface of the earth.</p> <p>0207.10.2 Investigate how the sun affects various objects and materials.</p>	

Grade 2 : Standard 11 - Motion

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0207.11.1 Investigate how vibrating objects produce sound.</p>	<p>0207.11.1 Use a variety of objects that vibrate to demonstrate how sounds are produced.</p> <p>0207.11.2 Describe the sounds produced by different types of vibrating objects.</p>	
<p>GLE 0207.11.2 Classify sounds according to their loudness and pitch.</p>		<p>Stream Sense (191)</p>