

WET Correlations: SCIENCE GRADE 1

Grade 1 : Embedded Inquiry		
Learning Expectations	Checks for Understanding	Project WET Correlations
GLE 0107.Inq.1 Observe the world of familiar objects using the senses and tools.	0107.Inq.1 Use senses and simple tools to make observations.	wAtER in moTion (450)
GLE 0107.Inq.2 Ask questions, make logical predictions, plan investigations, and represent data. GLE 0107.Inq.3 Explain the data from an investigation.	0107.Inq.2 Communicate interest in simple phenomena and plan for simple investigations. 0107.Inq.3 Communicate understanding of simple data using age-appropriate vocabulary. 0107.Inq.4 Collect, discuss, and communicate findings from a variety of investigations.	Branching Out! (129) Irrigation Interpretation (254)

Grade 1 : Embedded Technology & Engineering		
Learning Expectations	Checks for Understanding	Project WET Correlations
GLE 0107.T/E.1 Recognize that both natural materials and human-made tools have specific characteristics that determine their use.	0107.T/E.1 Explain how simple tools are used to extend the senses, make life easier, and solve everyday problems.	
GLE 0107.T/E.2 Apply engineering design and creative thinking to solve practical problems.	0107.T/E.2 Invent designs for simple products. 0107.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 1 : Standard 1 - Cells

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0107.1.1 Recognize that living things have parts that work together.</p> <p>GLE 0107.1.2 Use tools to examine major body parts and plant structures.</p>	<p>0107.1.1 Combine pictures of major body parts to assemble a complete animal.</p> <p>0107.1.2 Communicate the effect of using tools like magnifiers when examining different body parts.</p> <p>0107.1.3 Make diagrams to record and communicate observations.</p>	

Grade 1 : Standard 2 - Interdependence

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0107.2.1 Distinguish between living and non-living things in an environment.</p>	<p>0107.2.1 Identify the basic characteristics of living things.</p> <p>0107.2.2 Record information about living or non-living objects in local environments.</p> <p>0107.2.3 Sort and classify a variety of living and non-living materials based on their characteristics.</p>	<p>Stream Sense (191)</p>

Grade 1 : Standard 3 - Flow of Matter and Energy

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0107.3.1 Recognize that plants and animals are living things that grow and change over time.</p>	<p>0107.3.1 Conduct investigations and record data about the growth of different plants under varying conditions.</p> <p>0107.3.2 Describe what plants and animals need in order to grow and remain healthy.</p>	<p>Aqua Bodies (63) Aqua Notes (66) Irrigation Interpretation (254) The Life Box (76)</p>

Grade 1 : Standard 4 - Heredity

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0107.4.1 Observe and illustrate the life cycle of animals.</p> <p>GLE 0107.4.2 Describe ways in which animals closely resemble their parents.</p>	<p>0107.4.1 Observe, describe, and record the life cycle of a particular animal.</p> <p>0107.4.2 Match pictures of parents and related offspring by identifying common characteristics.</p>	

Grade 1 : Standard 5 - Biodiversity and Change

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0107.5.1 Investigate how plants and animals can be grouped according to their habitats.</p> <p>GLE 0107.5.2 Recognize that some organisms which formerly lived are no longer found on earth.</p>	<p>0107.5.1 Observe plants and animals on the school grounds and group them according to where they are found.</p> <p>0107.5.2 Create a chart of different habitats and match animals to specific locations.</p> <p>0107.5.3 Sort pictures or illustrations of animals into groups that are extinct and those that still exist and offer possible explanations for extinction.</p>	<p>Water Address (122)</p>

Grade 1: Standard 6 – Omitted

Grade 1 : Standard 7 – The Earth

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0107.7.1 Realize that water, rocks, soil, living organisms, and man-made objects make up the earth's surface.</p> <p>GLE 0107.7.2 Classify earth materials according to their physical properties.</p>	<p>0107.7.1 Create a diagram of the school grounds to identify where water, rocks, soil, living organisms, and man-made objects are found.</p> <p>0107.7.2 Sample areas of the school grounds to identify where different materials are found.</p> <p>0107.7.3 Use bagged samples of earth materials or pictures from different areas to classify materials according to their use.</p>	<p>Rainy-Day Hike (186) Stream Sense (191)</p>

Grade 1 : Standard 8 - The Atmosphere

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0107.8.1 Gather and interpret daily weather data.</p>	<p>0107.8.1 Collect daily weather information to predict what conditions might occur on the following day.</p> <p>0107.8.2 Discuss what makes a weather prediction accurate or inaccurate.</p>	<p>Branching Out! (129) A House of Seasons (155) Poetic Precipitation (182) Rainy-Day Hike (186) The Thunderstorm (196)</p>

Grade 1 : Standard 9 - Matter

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0107.9.1 Classify objects according to their physical properties.</p>	<p>0107.9.1 Classify solids according to their size, shape, color, texture, hardness, ability to change shape, magnetic attraction, whether they sink or float, and use.</p> <p>0107.9.2 Compare liquids according to their color, ability to flow, solubility in water, and use.</p> <p>0107.9.3 Investigate and describe the results of mixing different substances such as salt and pepper, water and sand, water and oil, and water and salt.</p>	<p>Stream Sense (191)</p>

<p>GLE 0107.9.2 Distinguish between the properties of solids and liquids.</p>		<p>A-maze-ing Water (219) Cold Cash in the Icebox (373) A Drop in the Bucket (238) Energetic Water (242) Molecules in Motion (47) wAtEeR in moTion (450) Water Match (50)</p>
<p>GLE 0107.9.3 Predict the changes that may occur when different materials are mixed.</p>		

Grade 1 : Standard 10 - Energy

Learning Expectations	Checks for Understanding	Project WET Correlations
<p>GLE 0107.10.1 Investigate the effect of the sun on land, water, and air.</p>	<p>0107.10.1 Predict and determine what happens over the course of a school day when containers of sand, soil, and water with thermometers are placed in a sunny window.</p> <p>0107.10.2 Predict and determine what happens over the course of a school day when containers of sand, soil and water with thermometers are placed in a shady location.</p> <p>0107.10.3 Compare the temperature at different places around the school such as black top driveway, lawn, concrete areas, side of the building, under a shade tree, wet area, in the ground.</p>	