

WILD Correlations: MATH GRADE 1

Content Standard 1: Mathematical Processes

Learning Expectations	Project WILD (W) and Aquatic WILD (AW) Correlations
GLE 0106.1.1 Use mathematical language, symbols, and definitions while developing mathematical reasoning.	
GLE 0106.1.2 Apply and adapt a variety of appropriate strategies to problem solving, including estimation, and reasonableness of the solution.	
GLE 0106.1.3 Develop independent reasoning to communicate mathematical ideas and derive algorithms and/or formulas.	
GLE 0106.1.4 Move flexibly between concrete and abstract representations of mathematical ideas in order to solve problems, model mathematical ideas, and communicate solution strategies.	
GLE 0106.1.5 Use mathematical ideas and processes in different settings to formulate patterns, analyze graphs, set up and solve problems and interpret solutions.	
GLE 0106.1.6 Read and interpret the language of mathematics and use written/oral communication to express mathematical ideas precisely.	
GLE 0106.1.7 Recognize the historical development of mathematics, mathematics in context, and the connections between mathematics and the real world.	
GLE 0106.1.8 Use technologies/manipulatives appropriately to develop understanding of mathematical algorithms, to facilitate problem solving, and to create accurate and reliable models of mathematical concepts.	

Content Standard 2: Number and Operations

Learning Expectations	Project WILD (W) and Aquatic WILD (AW) Correlations
GLE 0106.2.1 Understand and use number notation and place value to 100.	
GLE 0106.2.2 Compare and order whole numbers to 100.	
GLE 0106.2.3 Develop strategies for learning basic addition facts and related subtraction facts.	
GLE 0106.2.4 Use multiple representations (including groups of ten) to model two-digit addition and subtraction.	

Content Standard 3: Algebra

Learning Expectations	Project WILD (W) and Aquatic WILD (AW) Correlations
GLE 0106.3.1 Identify, describe, and extend simple number patterns to develop strategies for adding and subtracting whole numbers.	
GLE 0106.3.2 Understand that addition and subtraction are inverse operations.	
GLE 0106.3.3 Extend the strategies for basic facts to include other properties of number and operations.	

Content Standard 4: Geometry and Measurement

Learning Expectations	Project WILD (W) and Aquatic WILD (AW) Correlations
GLE 0106.4.1 Recognize, describe, and draw geometric figures.	Fashion a Fish, AW56 - Students consider fish attributes (shape and coloration) and their effects on fish survival.
GLE 0106.4.2 Compose and decompose geometric shapes.	
GLE 0106.4.3 Use non-standard units in linear measurement.	

Content Standard 5: Data, Probability and Statistics

Learning Expectations	Project WILD (W) and Aquatic WILD (AW) Correlations
GLE 0106.5.1 Use various representations to display and compare data.	<p>Graphananimal, W49 - Students graph and compare their results.</p> <p>Plastic Jellyfish, AW128 - Students collect and sort plastic litter (Steps 1 and 2). As Extensions, they establish a Litter Patrol and research the breakdown of plastic litter over a 1 month period.</p> <p>Water We Eating? AW83 – As an Extension, students classify food products by aquatic habitats or compare aquatic products in typical American supermarkets to those in ethnic markets</p> <p>What's Wild?, W7 - Students classify pictures of animals.</p>