

WILD Correlations: MATH GRADE 2

Content Standard 1: Mathematical Processes

Learning Expectations	Project WILD (W) and Aquatic WILD (AW) Correlations
GLE 0206.1.1 Use mathematical language, symbols, and definitions while developing mathematical reasoning.	
GLE 0206.1.2 Apply and adapt a variety of appropriate strategies to problem solving, including estimation, and reasonableness of the solution.	
GLE 0206.1.3 Develop independent reasoning to communicate mathematical ideas and derive algorithms and/or formulas.	
GLE 0206.1.4 Move flexibly between concrete and abstract representations of mathematical ideas in order to solve problems, model mathematical ideas, and communicate solution strategies.	
GLE 0206.1.5 Use mathematical ideas and processes in different settings to formulate patterns, analyze graphs, set up and solve problems and interpret solutions.	
GLE 0206.1.6 Read and interpret the language of mathematics and use written/oral communication to express mathematical ideas precisely.	
GLE 0206.1.7 Recognize the historical development of mathematics, mathematics in context, and the connections between mathematics and the real world.	
GLE 0206.1.8 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 0206.2.1 Understand and use place value concepts to 1000.	
GLE 0206.2.2 Understand and use the base-ten numeration system.	
GLE 0206.2.3 Use efficient and accurate strategies to develop fluency with multi-digit addition and subtraction.	
GLE 0206.2.4 Develop an initial understanding of multiplication.	

Content Standard 3: Algebra

Learning Expectations	Project WILD (W) and Aquatic WILD (AW) Correlations
GLE 0206.3.1 Develop pattern recognition.	Fashion a Fish, AW56 - Students consider fish attributes (shape and coloration) and their effects on fish survival.
GLE 0206.3.2 Extend knowledge of the properties of numbers and operations to multiplication.	
GLE 0206.3.3 Solve simple arithmetic problems using various methods.	
GLE 0206.3.4 Describe quantitative change.	

Content Standard 4: Geometry and Measurement

Learning Expectations	Project WILD (W) and Aquatic WILD (AW) Correlations
GLE 0206.4.1 Recognize, classify, and transform 2- and 3-dimensional geometric figures.	
GLE 0206.4.2 Understand the meaning and process of linear measurement.	
GLE 0206.4.3 Add, subtract, compare, compute and estimate linear measurements.	
GLE 0206.4.4 Compose and decompose polygons to make other polygons.	

Content Standard 5: Data, Probability and Statistics

Learning Expectations	Project WILD (W) and Aquatic WILD (AW) Correlations
GLE 0206.5.1 Use and understand various representations to depict and analyze data measurements.	<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>
GLE 0206.5.2 Determine whether an event is likely or unlikely.	