Student Performance by Question **Grade 8 Science** (Multiple-Choice ONLY) Teacher: _____

Analysis of Performance by Question of each student targeted for Remediation or Intervention
Enter a "1" in each box to indicate a missed question.

	Scientific Investigation										Force, Motion, Energy, and Matter															Life Systems				
Student Name	Identify components of a scientific investigation from a table.	Demonstrate scientific reasoning for a given scenario.	Analyze the use of a scientific tool.	Apply appropriate measurement conversions.	Recognize components of a scientific investigation.	Evaluate the appropriate expression of numbers.	Display data correctly.	Apply the nature of science to a practical problem.	Determine measurements correctly.	Evaluate experimental scenarios.	Recognize elements that compose Earth systems.	Apply an understanding of compounds.	Analyze the relationships of work, force, and motion in a given situation.	Recognize concepts related to the nature of matter.	Distinguish components associated with electricity and magnetism.	Apply an understanding of changes in matter.	Differentiate properties of matter.	Explain the interaction of atoms.	Differentiate forms of energy.	Apply an understanding that all matter is made of atoms.	Apply an understanding of work, force, and motion.	Recognize the properties and characteristics of water.	Analyze the nature of matter.	Apply an understanding of thermal energy.	Analyze characteristics of transverse waves.	Demonstrate an understanding of cell dynamics.	Categorize organisms according to characteristics.	Differentiate life processes related to cellular organization.	Demonstrate an understanding of the transmission of genetic information.	Differentiate components associated with photosynthesis.

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		Ecosystems							Earth and Space Systems											
Differentiate cellular structures.	Recognize principles of inheritance.	Analyze the impacts of a natural event on an ecosystem.	Recognize aspects associated with ecosystems.	Describe interactions in a biological community.	Interpret population dynamics.	Interpret interactions among members of a population.	Demonstrate an understanding of watersheds.	Interpret interactions among living and nonliving components of the environment.	Analyze dynamics of Earth's atmosphere.	Predict atmospheric conditions.	Demonstrate an understanding of water resources.	Categorize dynamics of Earth's atmosphere.	Describe the organization of our solar system.	Analyze the properties and characteristics of water.	Recognize the role of solar energy in driving most natural processes on Earth.	Analyze the effects of changes over time on populations of organisms.	Evaluate policies and practices relating to the environment.	Identify the role of solar energy in driving most natural processes on Earth.	Identify interactions among various bodies of our solar system.	Total
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