Student Performance by Question **Grade 5 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 Processes and Living Syste						
Student Name	Differentiate among observations, conclusions, inferences, and predictions.	Measure elapsed time using a stopwatch.	Select the appropriate scientific tool to measure metric units.	Analyze the variables and constants in an investigation.	Identify questions that can be answered using scientific investigation.	Select the appropriate method to display collections of data.	Analyze the variables and constants in an investigation.	Make predictions using patterns in data.	Select the appropriate metric unit for measuring tasks.	Select the appropriate tool to use during an investigation.	Differentiate between elements and molecules.	Differentiate between an open and closed electrical circuit.	Analyze differences in types of waves produced by sound and light.	Describe the relative speed of sound through solids, liquids, and gases.	Compare and contrast the way various surfaces interact with light waves.	Explain the relationships between wavelength and the color of light.	Classify materials as conductors or insulators of electricity..	Classify combinations of substances as mixtures or solutions.	Analyze situations as examples of potential or kinetic energy.	Describe historical contributions to the understanding and harnessing of electricity.	Explain how some plants respond to seasonal changes.	Describe the essential structures and functions of cells.	Explain the function of plant parts.	Explain how organisms use adaptations to meet survival needs.	Classify organisms as producers, consumers, or decomposers.	Classify plants as vascular or nonvascular based on plant structures.	Analyze processes involved in photosynthesis.

Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ms			Earth/Space Systems and Cycles										
Evaluate the importance of native plants and animals in Virginia.	Explain how organisms change their interactions with ecosystems throughout their life cycles.	Identify the role of producers in an ecosystem.	Analyze historical contributions to the current understanding of our solar system.	Explain the relationship between the celestial bodies in the Earth-moon-sun system.	Describe properties of different rock types..	Associate types of landforms to tectonic plate movement.	Construct models to demonstrate erosion of Earth's surfaces..	Explain the importance of different natural resources in Virginia.	Compare and contrast the processes involved in the rock cycle.	Determine the appropriate tools to measure weather conditions.	Compare and contrast the layers of Earth's interior.	Describe the causes of seasons on Earth.	Total
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