Student Performance by Question **Earth 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 and the Nature of Science										Earth and Space Systems										Earth Materials and Proce						
Student Name	Classify and differentiate geologic processes using scientific information.	Interpret data gathered through scientific inquiry to formulate conclusions.	Analyze the variables and constants in a scientific investigation.	Analyze and select evidence that best supports scientific theory.	Evaluate scientific evidence required to support hypotheses and explanations.	Analyze and interpret topographical maps.	Identify formations on Earth as a result of interactions from space.	Explain and predict complex interactions of Earth systems.	Recognize tools used in scientific inquiry.	Identify appropriate methods to display data.	Identify components and processes of our solar system.	Identify human and geologic processes that influence freshwater resources.	Analyze attributes of weather and climate on Earth.	Compare and contrast the components and interactions of Earth and space systems.	Make inferences about weather and climate on Earth.	Describe physical and chemical changes of the oceans.	Utilize scientific tools and inquiry to make predictions in interactions of Earth systems.	Recognize tools and methods used in scientific inquiry.	Identify components and processes of freshwater systems on Earth.	Identify components of our solar system.	Classify and differentiate among the soils evidenced throughout the world.	Apply an understanding of geologic processes.	Apply an understanding of the rock cycle.	Compare and contrast geologic processes and their resulting features.	Identify processes involved in forming metamorphic rocks.	Identity components of an earthquake.	Classify minerals based on composition, characteristics, or formation processes.

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esses			Cosmology, Origins, and Time										Earth Resources and Human Interactions										
Illustrate and analyze the processes of plate tectonics throughout the world, including features found in Virginia provinces.	Classify and differentiate among the rocks evidenced throughout the world.	Classify rocks and minerals based on composition, characteristics, or formation processes.	Identify evidence for atmospheric change over time.	Distinguish and explain modes of fossil preservation.	Analyze components, processes, and interactions of Earth and space systems.	Analyze interactions that affect weather on Earth.	Explain modes of fossil preservation evidenced in the physiographic provinces of Virginia.	Apply and evaluate methods of geologic dating.	Distinguish and explain methods of geologic dating.	Utilize fossil evidence in establishing geologic tables.	Distinguish and explain modes of atmospheric evolution.	Distinguish and explain modes of theories regarding astronomic formation.	Identify the uses of minerals.	Analyze the physical, chemical, and biological interactions of Earth's oceans.	Classify resources as renewable or nonrenewable.	Evaluate the interactions of Earth systems on the physiographic provinces of Virginia.	Analyze present environmental conditions to form conclusions and predictions on environmental impact due to human use of natural resources.	Identify advantages and disadvantages of various energy sources.	Identify components and processes of Earth and space systems.	Analyze the interactions among humans, resource use, and the environment.	Classify and differentiate among the rocks and minerals evidenced throughout the world, including the physiographic provinces of Virginia.	Compare present environmental conditions to infer environmental impacts of resource consumption.	Total
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