Student Performance by Question
Core 1 / S-14

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 Syste			
Student Name	Interpret patterns in data.	Evaluate the use of variables in a scientific investigation.	Evaluate graphical representations.	Apply appropriate measurement conversions.	Evaluate the validity of conclusions.	Recognize the appropriate expression of numbers.	Demonstrate the appropriate use of a scientific tool.	Determine the appropriate type of measurement in data collection.	Interpret the organization of a data table.	Identify components of a scientific investigation.	Differentiate among conduction, convection, and radiation.	Analyze classification of energy.	Analyze properties of matter.	Apply an understanding of work, force, and motion to predict an outcome.	Recognize changes in matter and the effects of using energy.	Describe properties and characteristics of water.	Describe characteristics of sound waves.	Analyze the nature of matter.	Evaluate devices associated with electricity and magnetism.	Apply knowledge of temperature change to an investigation.	Apply an understanding of atoms and elements.	Identify components of a periodic table of elements.	Analyze components of waves.	Predict an outcome using principles of electricity and magnetism.	Interpret the relationships of work, force, and motion.	Apply an understanding of genetic information.	Distinguish applications of genetic.	Differentiate patterns of cellular organization.	Identify aspects of the transmission of genetic information.
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	0	0

ms			Ecosystems							Earth and Space Systems											
Recognize aspects of inheritance.	Distinguish characteristics of cells.	Classify organisms according to characteristics.	Analyze adaptations.	Identify components of watershed systems.	Analyze population interactions.	Evaluate dynamics associated with food production and harvest.	Differentiate between abiotic and biotic factors in ecosystems.	Categorize population interactions.	Analyze organism interactions within an ecosystem.	Recognize the role solar energy plays in driving natural processes.	Recognize dynamics of Earth's atmosphere.	Identify interactions within our solar system.	Analyze processes within the atmosphere, hydrosphere, and on Earth's	Analyze policies and practices relating to the environment.	Analyze the action of water in the environment.	Evaluate the influence of factors on populations.	Categorize energy sources.	Analyze the structure of Earth's atmosphere.	Describe the organization of our solar system.	Analyze the impact of human activities on air.	Total
																					0
																					0
																					0

Student Performance by Question
Core 2 / S-23

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 Syste			
Student Name	Identify components of a scientific investigation from a table.	Evaluate graphical representations.	Apply appropriate measurement conversions.	Demonstrate an understanding of constructing graphs.	Distinguish variables and constants in an investigation.	Identify experimental error in an investigation.	Demonstrate scientific reasoning for a given scenario.	Recognize appropriate data organization for interpretation.	Determine the appropriate type of measurement in data collection.	Evaluate experimental scenarios.	Apply an understanding of speed.	Apply an understanding of the components that comprise an atom.	Analyze energy transformations.	Analyze properties of matter.	Recognize changes in matter and the effects of using energy.	Differentiate forms of energy.	Apply an understanding that all matter is made of atoms.	Demonstrate an understanding of the use of motors.	Apply knowledge of temperature change to an investigation.	Distinguish components associated with electricity and magnetism.	Identify components of a periodic table of elements.	Apply an understanding of changes in matter.	Predict an outcome using principles of electricity and magnetism.	Recognize technological applications of sound.	Analyze characteristics of transverse waves.	Differentiate components associated with photosynthesis.	Distinguish characteristics of kingdom of organisms.	Differentiate patterns of cellular organization.	Identify aspects of the transmission of genetic information.
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	0	0

ms			Ecosystems							Earth and Space Systems											
Demonstrate an understanding of cell division.	Apply an understanding of animal adaptations.	Recognize principles of inheritance.	Interpret population dynamics.	Identify components of watershed systems.	Demonstrate an understanding of organisms found in a given ecosystem.	Analyze human impacts on the health of watershed systems.	Describe interactions in a biological community.	Analyze organism interactions within an ecosystem.	Apply an understanding of food production and harvest.	Recognize the role solar energy plays in driving natural processes.	Recognize dynamics of Earth's atmosphere.	Analyze relative positions of solar system bodies.	Identify interactions among various bodies of our solar system.	Apply an understanding of water resources.	Demonstrate an understanding of the organization of the solar system.	Categorize energy sources.	Demonstrate an understanding of the fossil record.	Recognize factors leading to diversity of organisms.	Analyze the properties and characteristics of water.	Recognize the role of solar energy in driving most natural processes on	Total
																					0
																					0
																					0