Science Score Report

Unit: _____ **Date:** _____

Criterion A: Knowing and Understanding	
Level	**Descriptor**
0 **50% and below** **F**	The student **does not** reach a standard described by any of the descriptors below.
1-2 **64%-68%** **D**	**state** scientific knowledge apply scientific knowledge and understanding to **suggest solutions** to problems set in **familiar situations** **interpret** information to make **judgments**.
3-4 **74%-78%** **C**	**outline** scientific knowledge apply scientific knowledge and understanding to **solve problems** set in **familiar situations** **interpret** information to make **scientifically supported judgments**.
5-6 **84%-88%** **B**	d**escribe** scientific knowledge apply scientific knowledge and understanding to **solve problems** set in **familiar situations** and **suggest solutions** to problems set in **unfamiliar situations** **analyse** information to make **scientifically supported judgments**.
7-8 **94%-100%** **A**	**explain** scientific knowledge apply scientific knowledge and understanding to **solve problems** set in **familiar and unfamiliar situations** **analyse** and **evaluate** information to make **scientifically supported judgments.**
You scored _____ **because**	

Criterion B: Inquiring and Designing	
Level	**Descriptor**
0 **50% and below** **F**	The student **does not** reach a standard described by any of the descriptors below.
1-2 **64%-68%** **D**	**state** a problem or question to be tested by a scientific investigation **outline** a testable hypothesis **outline** the variables **design** a method, **with limited success**.
3-4 **74%-78%** **C**	**outline** a problem or question to be tested by a scientific investigation **formulate** a testable hypothesis **using scientific reasoning** **outline** how to manipulate the variables, and **outline** how **relevant data** will be collected design a **safe method** in which he or she **selects materials and equipment**.
5-6 **84%-88%** **B**	**describe** a problem or question to be tested by a scientific investigation **formulate and explain** a testable hypothesis **using scientific reasoning** **describe** how to manipulate the variables, and **describe** how **sufficient, relevant data** will be collected design a **complete and safe method** in which he or she selects **appropriate materials and equipment**.
7-8 **94%-100%** **A**	**explain** a problem or question to be tested by a scientific investigation **formulate and explain** a testable hypothesis **using correct scientific reasoning** **explain** how to manipulate the variables, and **explain** how **sufficient, relevant data** will be collected **design** a **logical, complete and safe method** in which he or she **selects appropriate materials and equipment**.
You scored _____ **because**	

Criterion C: Processing and Evaluating	
Level	**Descriptor**
0 **50% and below** **F**	The student **does not** reach a standard described by any of the descriptors below.
1-2 **64%-68%** **D**	**collect and present** data in numerical and/or visual forms **interpret** data **state** the validity of a hypothesis based on the outcome of a scientific investigation **state** the validity of the method based on the outcome of a scientific investigation **state** improvements or extensions to the method.
3-4 **74%-78%** **C**	**correctly collect and present** data in numerical and/or visual forms **accurately interpret** data and **explain** results **outline** the validity of a hypothesis based on the outcome of a scientific investigation **outline** the validity of the method based on the outcome of a scientific investigation **outline** improvements or extensions to the method that would benefit the scientific investigation.
5-6 **84%-88%** **B**	**correctly collect, organize and present** data in numerical and/or visual forms **accurately interpret** data and **explain** results **using scientific reasoning** **discuss** the validity of a hypothesis based on the outcome of a scientific investigation **discuss** the validity of the method based on the outcome of a scientific investigation **describe** improvements or extensions to the method that would benefit the scientific investigation.
7-8 **94%-100%** **A**	**correctly collect, organize, transform and present** data in numerical and/ or visual forms **accurately interpret** data and **explain** results **using correct scientific reasoning** **evaluate** the validity of a hypothesis based on the outcome of a scientific investigation **evaluate** the validity of the method based on the outcome of a scientific investigation **explain** improvements or extensions to the method that would benefit the scientific investigation.
You scored _____ because	

Criterion D: Reflecting on the Impacts of Science	
Level	**Descriptor**
0 **50% and below** **F**	The student **does not** reach a standard described by any of the descriptors below.
1-2 **64%-68%** **D**	**outline** the ways in which science is used to address a specific problem or issue **outline** the implications of using science to solve a specific problem or issue, interacting with a factor **apply** scientific language to communicate understanding but does so **with limited success** document sources, with **limited success**.
3-4 **74%-78%** **C**	**summarize** the ways in which science is applied and used to address a specific problem or issue **describe** the implications of using science and its application to solve a specific problem or issue, interacting with a factor **sometimes apply** scientific language to communicate understanding **sometimes** document sources correctly.
5-6 **84%-88%** **B**	**describe** the ways in which science is applied and used to address a specific problem or issue **discuss** the implications of using science and its application to solve a specific problem or issue, interacting with a factor **usually apply** scientific language to communicate understanding clearly and precisely **usually** document sources correctly.
7-8 **94%-100%** **A**	**explain** the ways in which science is applied and used to address a specific problem or issue **discuss and evaluate** the implications of using science and its application to solve a specific problem or issue, interacting with a factor **consistently apply** scientific language to communicate understanding **clearly and precisely** document sources **completely**.
You scored _____ because	