

## Assessment Blueprint Template – 4<sup>th</sup> Grade Science (Chemical Tests)

<b>Performance Task Summarized (GRASPS) Goal, Role, Audience, Situation, Product, Standard</b>	<b>Standard Addressed</b>	<b>Formative or Summative</b>	<b>Criteria for Evaluation</b>	<b>Evaluation Tool: Analytic, Holistic, Criterion, Checklist</b>
Pre-assessment Chemical and Physical Changes		Formative	Answer Key	Checklist
Science notebook reflection on "Chemical and Physical Change" video	5.1.b Recognize that the results of an experiment should be verified through repetition.	Formative (5 points)	Rubric	Holistic
Solids, Liquids and Gases worksheet	2.4.b Identify the physical state of a given material, and recognize that changes in the physical state of matter do not change the composition of the substance.	Formative (5 Points)	Answer Key	Checklist
Breakfast Buddies Worksheet	2.4.a Identify the physical states of matter and describe the physical properties of each (for example, a liquid has a definite volume but takes the shape of its container).	Formative (5 points)	Answer Key	Checklist
Venn Diagram from the "Unknown Substances Results Table"	1.2.c Represent data and evidence from an experiment in visual form (e.g., data tables, graphs, diagrams).	Formative (5 points)	Rubric	Analytic
Science Notebook entry – "Predicting the Results of the Filtration Tests."	5.1.a. Predict the results of experiments when they are repeated.	Summative (10 points)	Rubric	Holistic
Science Notebook entry – "Compare Results From the Two Filtration Tests"	1.1.a Identify that changing (manipulating) a different variable in a previously given simple experiment will give a new result (response). 1.1.b Identify that only one variable can be changed (manipulated) in an experiment.	Formative (5 points)	Rubric	Holistic
Science Notebook entry – "Compare and Contrast results from the "Reactions in Vinegar" test	1.1.b Identify that only one variable can be changed (manipulated) in an experiment. 2.2.a Use measurements before and after an event to determine whether a change has occurred in a physical property of an object.	Formative (5 points)	Rubric	Holistic