	English		Social Science		Mathematics		Science
4.6g	Distinguish between cause and effect.	VS.1b	determine cause-and-effect relationships;			4.1h	hypotheses are developed as cause & effect relationships;
4.5j	Identify cause and effect relationships.						
4.5i	Make, confirm, or revise predictions			4.14 CF	Interpret the data to answer the question posed, and compare the answer to the prediction.	4.1a	distinctions are made among observations, conclusions, inferences, and predictions;
				4.14 Understanding the standards	Data analysis helps describe data, recognize patterns or trends, and make predictions.	4.1e	predictions and inferences are made, and conclusions are drawn based on data from a variety of sources;
4.1	The student will use effective oral communication skills in a variety of settings	VS.1h	evaluate and discuss issues orally and in writing;	4.3 decimals	Identify and communicate, both orally and in written form,	4.1k	data are communicated with simple graphs, pictures, written statements, and numbers;
4.1e	Use grammatically correct language and specific vocabulary to communicate ideas				The student will use problem solving, mathematical communication		
4.1f	Communicate new ideas to others.						
4.9c	Use technology as a tool to organize, evaluate, and communicate information						
		VS.1i	analyze and interpret maps to explain relationships among landforms, water features, climatic characteristics, and historical events.			4.1l	models are constructed to clarify explanations, demonstrate relationships, and solve needs;
		VS.1 a	identify and interpret artifacts and primary and secondary source documents to understand events in history;	4.14	the student will collect, organize, display and interpret data from a variety of graphs.	4.1i	data are collected, recorded, analyzed, and displayed using bar and basic line graphs;

	English		Social Science		Mathematics		Science
				4.14 CF	Construct and display data in line graphs, labeling the vertical axis with equal whole number increments of 1 or more and the horizontal axis with continuous data commonly related to time .		
				4.6CF	Determine an appropriate unit of measure to use when measuring everyday objects in both metric and U.S. Customary units.	4.1c	appropriate instruments are selected and used to measure length, mass, volume, and temperature in metric units;
				4.6 CF	Record the mass of an object including the appropriate unit of measure (e.g., 24 grams).		
4.5h	Draw conclusions/make inferences about text			4.6 Cf	Measure objects in both metric and U.S. Customary units to the nearest appropriate measure, using a variety of measuring instruments.	4.1d	appropriate instruments are selected and used to measure elapsed time;
4.6f	Draw conclusions and make simple inferences using textual information as support.	VS.1d	draw conclusions and make generalizations;			4.1e	predictions and inferences are made, and conclusions are drawn based on data from a variety of sources;
		VS.1g	interpret ideas and events from different historical perspectives;	4.14 CF	Interpret data from simple line and bar graphs by describing the characteristics of the data and the data as a whole		
				4.14 Ess. Know & skills	The student will use problem solving, mathematical communication, mathematical reasoning, connections, and representations...	4.1 curr frame	The student will demonstrate an understanding of scientific reasoning, logic, and the nature of science by planning and conducting investigations...