Geologic Feature Research Project Rubric

Skill 1: Use a model and research to explain an existing geologic feature.
Pick one specific geologic feature and describe, using researched and visual evidence, the processes that took place both inside and outside of the Earth to create it.

Areas for Growth	Proficient	Strengths
	● Identify the types of plate boundaries ● Identify the erosive process	
	● Interpret and rephrase information from a scientific research article about the area	
	● Explain how the geologic feature formed (with visual component)--you may use research plus knowledge from the classroom to explain	

Skill 2: Use a model to predict changes to a geologic feature in the future.

Areas for Growth	Proficient	Strengths
	● Identify the types of plate boundaries ● Identify the erosive process ● Identify how the orientation of rock changes from uplift event	
	● Develop a model to predict what changes will occur to landmark on a geologic time scale (millions of years)	
	● Visual representation of changes are present	

Skill 3: Build a model to describe an erosive process and observe and analyze the model outcome. - To be completed in groups in class. You will be given tools and guided notes to help you with designing and experiment.

Areas for Growth	Proficient	Strengths
	● Design an experiment to test the features formed by one erosive process	
	● Write a procedure for testing and enact your experiment	
	● Analyze the results (qualitative data) and use knowledge of existing geologic feature to describe what “rock formation” would occur	