

# Weathering Investigations Presentation

## Instructions:

- One person create a Google Presentation and then share it out with each person in your group as well as your teacher.
- Make sure that all of your names appear on the title page of your Presentation.
- Using the internet, find 8 images that demonstrate different mechanisms of weathering and the agents involved in that weathering process.
- You need to make sure that chemical, physical, and biological are all represented.
- You may NOT repeat any individual agent.
- Each slide will contain its own image and explanation.
- Also on each slide describe the climate that your weathering example is found in.
  - Ex: Wet, Wet and Dry, Mild, Humid, Marine, Arctic, Polar, Dry, Semi Dry, etc.
- Each slide needs a slide transition.
- Make sure your text and background do not clash.
- Be prepared to justify your explanation to the class.

## Grading Rubric

	<b>Granite</b> <i>4 Points</i>	<b>Marble</b> <i>3 Points</i>	<b>Limestone</b> <i>2 Points</i>	<b>Mudstone</b> <i>1 Points</i>
<b>Images</b>	You included 8 images representing different types of mechanisms and agents of weathering.	You included 6 images representing different types of mechanisms and agents of weathering.	You included 4 images representing different types of mechanisms and agents of weathering.	You included 2 images representing different types of mechanisms and agents of weathering.
<b>Shared with each group member and teacher</b>	Yes	n/a	n/a	No
<b>Title slide</b>	Contained a title and had names of all group members.	N/A	N/A	Contained a title but missing group members
<b>Accuracy</b>	All information was correct.	Some of your information was not correct.	Most of your information was not correct.	None of your information was correct.
<b>Presentation</b>	Text was legible, backgrounds were included, included transitions.	Some text was illegible, background was included, transitions were included.	Text was difficult to make out, some of your slides did not contain a background, some of your slides did not have transitions.	Lacking text, lacking backgrounds, lacking transitions.
<b>Grammar</b>	No spelling or grammar errors.	5 or more spelling and grammar errors.	10 or more spelling and grammar errors.	15 or more spelling and grammar errors.
<b>Plagiarism</b>	Text was written in your own words.	N/A	N/A	Text was plagiarized

## Teacher Reflections, Instructions, Expectations

- The purpose of this assignment is to give students a chance to find and look at rock formations that show signs of weathering, which will be every image of a rock that they find. They will determine the mechanisms and agents of weather that caused such a unique rock.
- I have my students read Section 1 on my website first and then we discuss what agents and mechanisms of weather are before I pass out the rubric and instructions.
  - <http://earthscience.xyz/Weathering>
- When students are done they will come up to the front and we will show the different rocks that they discovered. If a specific rock has already been discussed we usually just have the move on. I don't take too long on their presentations. Depending on the time, many times I don't have them come up at all, I just show their presentation, and ask questions as needed.
- I also use this assignment to teach specific skills in technology protocol. I have them create slide transitions which are meant to gain an audience member's attention and let them know that you have moved on. I also discuss with them the proper coloring ideas when it comes to backgrounds and text. Dark text and dark background no matter the colors should never happen.
- This assignment takes only about a 55 minute period but can stretch into the next day's class. I let the students divide and conquer in groups of 3 or four students. It shouldn't take too long for each student to do two to three slides.
- As we go through the presentations I spend some time on why climate might be important to weathering processes. We will discuss climate and weathering in another section.