**Weathering at Poly Scavenger Hunt**

As a group, you are going to upload photos and answer questions about various evidence of weathering around Poly’s campus. This paper will serve as your rough draft. You will need to take pictures on your phone to document the various pieces of evidence as well as answer some questions.

Weathering Evidence:

1. Cracks in sidewalk & tennis courts (not engineered cracks): Obtain 3 different photos
   1. What factors are affecting the weathering of these cracks? Will the cracks get larger or smaller over time? What will cause this?
2. Rust: Obtain 3 different photos depicting rust
   1. What causes material to rust? What are the typical elements/compounds required to create rust?
3. Rock weathering: Obtain photos of 3 different rocks
   1. Describe the way the rocks have weathered. Are rocks exposed to physical weathering, chemical weathering or both? Would you expect the rocks to get larger or smaller over time? Explain.
4. Jones Falls: CAREFULLY cross the street to the other side of the sidewalk opposite the tennis courts. Look over the ledge and obtain at least 1 photo of the Jones Falls.
   1. Would you expect the rocks in the Jones Falls to look the same or different than the ones you found in the courtyard? Explain your answer.
   2. Would you expect the Jones Falls to contain pure H2O? If not, identify some other chemicals you expect to be in the water and how they would have gotten there.
5. You choose: Take a photo of something else you have noticed has been weathered in some capacity.
   1. Explain the factors affecting the weathering of your object. Describe how this object would look over the next 10-20 years and explain how each factor would create that effect.

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