

Mineral Selfie Assignment: For this assignment you will need to take a "selfie" with an everyday product or item that contains a mineral. In our **Class Discussion Blog** you will **POST YOUR PICTURE** and write your mineral description. Be sure to also include **IDENTIFICATION INFO** in your post:

1. Mineral Name and Chemical Composition
2. Physical Properties (Hardness, Luster, Cleavage, etc.)
3. Which rocks and/or type of environment might this mineral be found in?
4. How is the mineral being used in the product?

Once a mineral has been identified by a student in your lab section you can NO longer choose/identify that mineral, SO the earlier you complete this assignment the easier it will be for you. You could take a picture of a rock like granite but you will still need to identify a specific mineral in that rock.

We have already discussed some minerals in lecture and lab, but you are encouraged to do a little research about other minerals and see if you can find those items in your house or around school!

This assignment is **due by <Date and Time>** and will be worth **<points>**.

Good Luck! We can't wait to see what you will identify!

Here is an example from Prof. Sit and the TAs:

1. Potassium Feldspar (aka K-spar) - KAlSi_3O_8

2. Physical Properties:

Color – Pink

Hardness – 6, scratches glass

Luster – Vitreous

Streak – White

Cleavage – 2 directions at nearly 90 degrees

3. Potassium feldspar forms at cooler temperatures closer to Earth's surface. It is a mineral found commonly in Igneous, Sedimentary, and Metamorphic rocks. Here we spotted a bunch of potassium feldspar within the infamous UIC granite found throughout campus.

4. Potassium feldspar within a granite is hard and durable, which is why granite is commonly used as a building material.

Since the TAs and I covered Potassium Feldspar, it is now off the table – you'll have to pick a different mineral to identify.

