## Stoplight Survey Self Reflection 2021 -Minerals

Our first reflection assignment aligns with the "Stoplight Survey"- and early check on student progress in order to identify areas where support or intervention is needed. The Stoplight Survey closes on February 11, so I need your responses no later than the end of the day on February 10.

The main learning outcomes for the first three weeks of the semester are:

* get acquainted with the expectations and resources in this course
* develop a sense of the general topics covered in the course (the essence of mineralogy)
* learn the techniques used to identify minerals in hand sample
* understand the basics of bonding in minerals, including elements, ions, and charge or valence.

1. *How well have you achieved the learning outcomes so far?* Describe how you have met these and where you need to improve.
2. *Evaluate your participation so far: are you prepared for class, asking questions? Do you feel you have a handle on how to do the readings? What barriers, if any, are affecting your ability to prepare for class?*
3. *Is your work satisfactory?* Are you content with progress in the course? How will you modify your behavior or study habits to achieve your desired result? What can I do as the professor to help you achieve your goal?

As it is still early in the semester I will not ask you to assign yourself a grade yet. We will meet sometime in the next week to discuss your responses.

## Post-Midterm 1 Reflection 2021 - Minerals

The main learning outcomes for the first five weeks of the semester are:

* develop a sense of the general topics covered in the course (the essence of mineralogy)
* learn the techniques used to identify minerals in hand sample
  + apply these techniques to a variety of minerals
* understand the basics of bonding in minerals, including elements, ions, and charge or valence.
  + apply these concepts to the most common elements in the earth
* practice using symmetry elements and point groups to understand 2D designs and 3D crystals
* learn about refractive index and how it is used in the optical study of minerals (microscopes), including birefringence, interference colors, pleochroism, and relief.

1. *How well have you achieved the learning outcomes so far?* Describe how you have met these and where you need to improve. Consider how you answered related questions on the [midterm exam](https://moodle.juniata.edu/mod/assign/view.php?id=232220) and whether you are confident in your answers.
2. *Evaluate your participation so far: are you prepared for class, asking questions? Have you completed assignments fully and on time? Do you feel you have a handle on how to do the readings? What barriers, if any, are affecting your ability to prepare for class?*
3. *What grade have you earned so far?* Use the grade categories explained in the syllabus to determine what grade you have earned in the course so far. Do you agree with this assessment scheme? This is your opportunity to argue for an alternate scheme. Make sure your response is well reasoned and provides evidence.
4. Are you content with progress in the course? How will you modify your behavior or study habits to achieve your desired result? What can I do as the professor to help you achieve your goal?

## Exam feedback reflection 2021 - Minerals

For 10 minutes in class today, review the feedback on your [midterm exam](https://moodle.juniata.edu/mod/assign/view.php?id=232220) and answer the following:

1. How did you do?
2. Did your prediction of how the exam went match the feedback you received?
3. What should you focus on improving?
4. Do you plan to pursue the test corrections opportunity?

## Final Reflection Due by the end of the day Monday, May 10 or Tuesday, May 11 2021 - Minerals

Please complete the final reflection questions after you finish the final mineral ID practical. You must submit this by the end of the day before your reflection meeting with me (end of the day Monday if meeting is Tuesday, end of the day Tuesday if meeting is Wednesday).

1. Please review your work in this class, including worksheet/problem sets, quizzes, box o' min, mystery mineral project, and exams. How well do these materials demonstrate your achievement of the learning outcomes stated in the syllabus? Please support your response with specifics and examples.

2. To what extent did you meet or exceed your own goals for this course? Are there particular skills, strategies, or habits that you developed or strengthened?

3. Based on your answers above and the grade equivalency guidance in the syllabus, what grade have you earned in this course? Please write a letter grade (e.g., A, B+, C, etc.) and explain why you think this letter grade is appropriate

Make sure you complete the sign-up for final reflection meetings in which we discuss and decide your grade for the course.