

UNI Earth and Environmental Sciences

Iowa Limestone Producers Association

Iowa's Geological Recourse – Short course – Pre-Test- Survey

Due On or Before March 13, 2023

\* Please try hard NOT to feel overwhelmed or anxious about these, I am just trying to figure out how I can help all you become comfortable with geology... Whether it is laying a new/strong foundation OR helping you build beyond your current understanding. Try to have fun with this 😊

You will receive full credit 20/20 points, for honest, non-assisted (please don't use the internet, family, friends, books etc.) to address these questions. I am interested in where each of you are in your current understanding of Geology in Iowa. Please e-mail your work to me when it is ready, ([chad.heinzel@uni.edu](mailto:chad.heinzel@uni.edu) )

*Not looking for long answers, maybe a paragraph at the most for each question.*

1. As best as you can from memory draw a detailed rock cycle (at each step include if energy increases, decreases or stays the same). I have sent an attachment of my picture. Then describe the environments and conditions that form each rock type
2. What are Iowa's primary geologic resources? Are there examples of these resources in your county and/or near your school?
3. What is a natural resource? Is there a difference between a natural resources and geologic resources?
4. How does geology impact your daily life? Products you use, activities you do, etc.
5. When you think of geology, what occupations come to mind?
6. Write about Iowa's Geologic history (from oldest to youngest)  
Don't have a background in geology or it's been a long time since you took a geology class? Take this chance to summarize your knowledge of geology and list what you are hoping to learn about geology from this course.
7. What aspects of the NGSS or Iowa Core Standards are you using and/or looking for help addressing?