1. Meet Dr. James Hagadorn, Curator of Geology at the Denver Museum of Nature & Science by watching these short videos (1 minute or less each).
   - How did you become a scientist? [https://vimeo.com/26769368](https://vimeo.com/26769368)
   - What’s it like to be a curator? [https://vimeo.com/26769375](https://vimeo.com/26769375)
   - What’s the most rewarding part of your job? [https://vimeo.com/26769384](https://vimeo.com/26769384)
   - What’s your most amazing discovery? [https://vimeo.com/26769390](https://vimeo.com/26769390)

2. Geologists are sometimes called “Deep Time Detectives,” using the clues found in rocks, minerals, and gems to learn about the history of our planet. Have your students watch this video about the Grand Canyon to start thinking about what clues geologists use to learn more about our natural world. [https://youtu.be/-v_RLRT9930](https://youtu.be/-v_RLRT9930) (~4.5 minutes)

3. Have your students work in small groups to develop questions for Dr. James Hagadorn, Curator of Geology at the Denver Museum of Nature & Science. Here are some tips for developing questions that encourage critical thinking:
   - Explore your reaction to the video and what information you still want to know. What surprised you? What new questions arose?
   - Geologists and Earth Scientists use simple and complex tools in their research. Develop questions related to the tools and methods scientists use to study geology and our planet.
   - Avoid questions that can be answered with yes or no.
   - Avoid questions that were answered in the video.

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IF YOU WANT TO DIG DEEPER...

1. Download the Rockd app and learn more about the geology of your local area. Available on iOS and Android. Visit [https://rockd.org/](https://rockd.org/).


3. Travel back in time through the geologic history of Colorado and planet Earth! Watch videos and animations created by scientists from the University of Colorado Boulder. Visit [http://igp.colorado.edu/](http://igp.colorado.edu/).

4. Learn more about geology and museum collections through some of these videos:
   - The Brain Scoop: Gem Collection at the Field Museum [https://youtu.be/zcHy0oo7QU0](https://youtu.be/zcHy0oo7QU0)
   - The Brain Scoop: Glow Rocks: [https://youtu.be/TctyZNwLVKU](https://youtu.be/TctyZNwLVKU)
   - SciShow: James Hutton, Founder of Geology: [https://youtu.be/KKTXxZSz-9s](https://youtu.be/KKTXxZSz-9s)


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