

Extra Credit – Minerals and Rocks

You can earn extra credit if you complete these academic challenges.

1) Museum Visits

Visit one (or more) of these museums. Write 3 – 5 paragraphs about what you learned there. Include at least 5 images. Attach your admission stub to your report.

- American Museum of Natural History
www.amnh.org
Hall of Gems and Minerals and Hall of Planet Earth (both)
Rose Center (Planetarium)
4th Floor Fossil Halls
- Franklin Mineral Museum
<http://www.franklinmineralmuseum.com/>
- Sterling Hill Mining Museum
<http://sterlinghillminingmuseum.org/>
- Newark Museum
<http://www.newarkmuseum.org/>
Dynamic Earth exhibits
- Flat Rock Brook Nature Center
<http://www.flatrockbrook.org/>
If you go here, be sure to include discussion of the quarrying that provided traprock for construction of Route 4 and get an image of the remaining walls of the rock crusher
- Other museum with mineral and rocks displays (ex., Smithsonian Natural History Museum, Washington DC)

2) Virtual Museum Visits

If you cannot visit these museums in person, you can earn up to 10 pt. extra credit by creating a 15-slide presentation (not including title and reference slides) providing a “virtual tour” of a museum. You may choose museums anywhere in the world.

Remember to use the ‘7-7 rule,’ include an image on every slide, and provide urls on the slide for all images.

3) Special Mineral and Rock Theme presentations

Create an 8- slide (5-pt) or 15-slide (10 pt) presentation about one or more of these themes:

- Bedrocks of New Jersey
- Fluorescent Minerals of New Jersey
- NJ’s Lava Flows – The Watchungs, Palisades, and Laurel Hill
- Minerals, Fossil Fish, and Dinosaur Footprints from NJ Quarries
- Earthquakes in NJ
- Gemstones and Birthstones
- Another topics approved in advance