



St. Joseph County, MI 4-H Rocks & Minerals Guidelines



Study sheets are available for download and printing at:
https://www.canr.msu.edu/st_joseph/4-h/4_h_still_projects

Levels I & II:

- Level I - 20 specimens.
- Level II - 40 specimens total (20 from Level I and 20 new specimens).
- Your 3-ring notebook must include the following information for each specimen:
 - Is this specimen a rock, mineral, or fossil?
 - Where did you find this specimen?
 - Is this specimen igneous, metamorphic, or sedimentary? How did you determine this?
 - A photograph or colored sketch of the specimen.

- Other information you may want to include (but is not required):
 - Is this specimen used for anything? (Natural resource)
 - luster
 - If you completed any of the following tests, you can include your results:
 - Hardness
 - Streak
 - Any other interesting information you learned/discovered about your specimen.

Level III

- Collection of samples of raw minerals, plus report on product(s) produced from each mineral. Exhibit to include study of at least six different minerals.

Advanced

- Collection of samples of raw Michigan minerals, plus report on what has been learned about the uses and importance of each to Michigan's economy.