

4-H GEOLOGY

Superintendent

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Jr. Superintendents:

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1. READ GENERAL RULES AND REGULATIONS

2. Individual entries are limited to two Plexiglass covered boxes 18" x 24" and 3 ½ inches high. Boxes with glass covers WILL NOT be accepted.

3. Each exhibitor is required to identify each display box by placing an identification label bearing name, club and number of specimens in the upper left hand corner of the Plexiglass cover (inside -- use clear double-sized tape to adhere gummed labels) and by attaching a label with the same information on the lower right corner of the box (outside). The inside label is to also indicate the class number.

4. Specimens should be labeled with the number of the specimens, date collected, specimen name or description, and locality where collected.

5. For the classes 1110, 1111, 1112, and 1113 specimens should be mounted in the box by the proper groups - rocks, minerals, fossils.

6. All specimens are to be arranged across the narrow (18") Dimension of the exhibit box, making the exhibit 18" across the top and 24" deep, and 3 ½" high.

7. For classes 1110, 1111, 1112, and 1113 ALL specimens MUST be collected from locations in Kansas. OUT-OF-STATE SPECIMENS WILL NOT COUNT IN THE MINIMUM NUMBER FOR THE CLASS, NOR WILL THEY BE CONSIDERED IN THE JUDGING.

AWARDS:

Overall Grand Champion Geology Trophy - Sponsored by Stafford County 4-H Council - St. John, KS

CLASS

1117 - Geology. Display at least 15 different rocks, minerals or fossils. Collected during current 4-H year. Limited to one exhibit box 18" x 24" x 3 ½" with Plexiglass cover. Fossils must be identified to the Phylum level.

1118 - Geology -- Display at least 30 different rocks, minerals or fossils, at least 5 of each. Fifteen must be collected during the current 4-H year. Limited to one exhibit box 18" x 24" x 3 ½" with Plexiglass cover. Fossils must be identified to the Phylum level.

1119 - Geology -- Display at least 45 rocks, minerals or fossils, at least 5 of each. Exhibit limited to two boxes 18" x 24" x 3 ½" with Plexiglass cover. Exhibit must include approximately 15 specimens of current year's work. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents different geological formation. Specimen label must show this distinction. Rocks must be identified by their proper name and type. Fossils must be identified to the Phylum level.

1120 - Geology -- Display at least 60 rocks, minerals, or fossils, at least 5 of each. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents different geological formations.

Specimen label must show this distinction. Exhibit limited to two boxes 18" x 24" x 3 ½" with Plexiglass cover. Exhibit must include approximately 15 specimens of current year's work. Rocks must be identified by their proper name and type. Fossils must be identified to the Phylum, Class, and Genus levels if possible.

1121 - Geology -- Special exhibit relating geology to every-day living; or to a mineral test, a rock formation, geological history, species of a fossil, forms of one mineral, a variation of one kind of rock, archeological artifacts, or Indian artifacts. Exhibit limited to 4 feet of table space or to no more than two exhibit boxes 18" x 24" x 3 ½" with Plexiglass cover.

LAPIDARY CLASSES

The lapidary classes will be judged on the following criteria: Workmanship and Content -- 60 points, Presentation and Showmanship - 30 points, and Accuracy of Information - 10 points. An exhibit box smaller than the standard size may be used for lapidary exhibits if appropriate (18" x 12" x 3 ½"). Specimens should be arranged across the (18") dimension of the exhibit box, making the exhibit 18" across the top and 12" deep.

1122 - Lapidary. Display at least 30 stones and minerals that will cut or polish. Five of the specimens must be Collected by the member from the native site (not limited to Kansas.) Polish 15 of the gemstones by tumbling. Label, giving identification of material and county where collected or state or country of origin for non-Kansas material.

1123 - Lapidary. Exhibit at least 6 gem stones and minerals that have received lapidary treatment. Lapidary treatment may consist of tumbling, polishing and end or face or flat lapping. Specimens must represent at least 3 different gem stones and minerals and include at least 3 cabochons of any size or shape. Three of the specimens must be mounted. Label specimens as appropriate.