

GEOLOGY

Size and number of exhibit cases should relate appropriately to the number of specimens being displayed for a specified class.

All levels of Geology use the same manual, *What on Earth – Geology Study Guide*.

* **Pebbles Pups I** – Display 8 to 19 rocks and mineral specimens with three (3) minerals in the collections. Collection may include duplications that show variations. Label collection and note where found.

* **Pebble Pups II** – Display at least 20, but no more than 29, rocks and mineral specimens with seven (7) minerals in the collection. Collection may include duplications that show variations. Label collection and note where found.

* **Rock Hounds I** – Display at least 30, but no more than 40, rocks and mineral specimens with ten (10) minerals in the collection. Rocks should include at least three (3) igneous, two (2) metamorphic, and three (3) sedimentary groups. Label collection and note where found.

* **Rock Hounds II** – This level is for those who have successfully completed Rock Hounds I. Display no more than 50 specimens that have been selected to illustrate a specific theme of the exhibitor's choosing. Be creative. Sample categories could include (but are not limited to): industrial minerals and their uses; specific rock group and the variety that occurs in that group, including some minerals that occur in that environment; select fossils traced through the geologic ages; minerals and their crystal habits; rocks and minerals used in the lapidary arts.

* **CLOVER CHALLENGE: Geology** - Exhibit a display illustrating the Clover Challenge area explored. See General Rule #17 regarding Clover Challenge requirements. **The completed Illinois 4-H Clover Challenge Agreement must be presented with the exhibit.**