

Natural Sciences 4-H Geology

Enroll in ZSuite Under this Project Name: NS-4-H GEOLOGY

Approved for 2023-24 Project Year

Project Description: This project book is divided into four levels, which are all covered within the one

manual. Youth will learn the story of the earth through its rocks in order to gain a better understanding of the earth and the sources of the minerals we use every day.

REQUIRED YOUTH CURRICULUM

4-H Geology: Introduction to the Study of the Earth (01706Y), 2017

ZSuite 4-H Involvement Report

ZSuite 4-H Project Record Book

REQUIRED VOLUNTEER CLUB LEADER CURRICULUM

4-H Geology: Introduction to the Study of the Earth (01706Y), 2017

SUPPLEMENTAL RESOURCES

Idaho-specific websites for Geology Project

The University of Idaho has a policy of nondiscrimination on the basis of race, color, religion, national origin, sex, age, sexual orientation, gender identity/expression, disability, or status as a Vietnam-era veteran. This policy applies to all programs, services, and facilities and includes, but is not limited to, applications, admissions, access to programs and services, and employment. State 4-H scholarships for education or events are available to all 4-H participants. Persons with disabilities who wish to request reasonable accommodation may do so by filling out an online form here, or by requesting the accommodation form from their local Extension 4-H office.



PROJECT COMPLETION CHECKLIST

For each level in the manual (Pebble Pups 1, Pebble Pups 2, Rock Hounds 1, or Rock Hounds 2), complete
the number of Required Activities and Closer Look Activities specified. Have your project leader or helper
initial and date each activity as it is completed.

STATE REQUIREMENTS

Complete the 4-H Project Record Book for this project in your ZSuite Member Account

Fill out your 4-H Involvement Report in your ZSuite Member Account

Give an oral presentation (speech, demonstration, or illustrated talk) to your 4-H peers on a topic related to this project. Recommended guidelines for length of oral presentations are:

Junior: 5-8 minutesIntermediate: 8-10 minutesSenior: 10-12 minutes

ADDITIONAL LOCAL REQUIREMENTS

FAIR EXHIBIT CHECKLIST
Completed Idaho 4-H Involvement Report (ZSuite)
Completed Idaho 4-H Project Record Book for this project (ZSuite)
For Pebble Pups 1: 8-19 rock specimens, with 3 minerals in the collection. May include duplicates that
show variations. Label collection and note where found.
For Pebble Pups 2: 20-29 rock specimens, with 7 minerals in the collection. May include duplicates that
show variations. Label collection and note where found.
For Rock Hounds 1: 30-40 rock and mineral specimens, with 10 minerals in the collection. Rocks must
include at least 3 igneous, 2 metamorphic and 3 sedimentary groups. Label collection and note where
found.
For Rock Hounds 1: No more than 50 specimens, selected to illustrate a specific theme of your choosing.
Examples include industrial minerals and their use, fossils traced through geological areas, or rocks and
minerals used in lapidary arts.

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