

Completed (40 possible) _____
Accuracy of answers (30 possible) _____
Appropriate grammar (15 possible) _____
Neatness of record (15 possible) _____
Total _____

A = 86-100 points
B = 71-85 points
C = 70 points or less



4-H Geology – Intermediate (Grades 6-8) Record Sheet

Record for Year _____

A completed record sheet is due by the last business day of May to exhibit each project at the fair.
Use any 4-H publications, the internet, the library, or a professional to help you prepare your responses.

The Basics

Name _____ 4-H Club _____

Years in 4-H _____ Grade _____ Years in Project _____

Taking Shape

Describe the difference between intrusive and extrusive igneous rocks. _____

Name four properties of minerals.

1. _____
2. _____
3. _____
4. _____

Understanding Geology

Which mineral is the softest? _____

Which mineral is the hardest? _____

What scale is used to determine the hardness? _____

What was the hardest thing or do you foresee as being the hardest thing about creating your exhibit this year?

What did you like best or think you will like best about creating your exhibit? _____

Digging Deeper

List three common items we use in daily life and the minerals they contain.

1. _____
2. _____
3. _____

Name three famous buildings or landmarks in the United State that are made with Indiana limestone.

1. _____
2. _____
3. _____

Name four companies in our community that need to know something about rocks or the earth.

1. _____
2. _____
3. _____
4. _____

Name two college or universities in which you could study geology.

1. _____
2. _____

Beyond the Rocks

Why is this subject matter important to you? _____

What is one thing you learned or sparked your interest as a result of completing this project? _____

The life skills listed below are widely accepted in the 4-H world nationwide (Hendricks, 1996). Circle the life skills you learned or practiced while working on your exhibit. They will not all apply to your work on this particular project.

- | | | | |
|---------------------|-----------------------|-------------------------|---------------------|
| Resiliency | Nurturing | Community Service | Self-esteem |
| Keeping Records | Relationships | Volunteering | Self-responsibility |
| Wise Use of | Sharing | Leadership | Character |
| Resources | Empathy | Responsible Citizenship | Managing Feelings |
| Planning/Organizing | Concern for Others | Contributions to Group | Self-discipline |
| Goal Setting | Accepting Differences | Effort | Healthy Lifestyle |
| Service Learning | Conflict Resolution | Marketable Skills | Choices |
| Critical Thinking | Social Skills | Teamwork | Stress Management |
| Problem Solving | Cooperation | Self-motivation | Disease Prevention |
| Decision Making | Communication | | Personal Safety |
| Learning to Learn | | | |