



# Rock Experiment Instructions

Using the type of rocks found in Ireland, what rocks are also found locally? Explore outside, or go to a rock store, and collect three to five different rocks found in both places. Experiment and collect the data on the provided sheet:

Name

Illustration

Location found in Ireland

Type

Description: Color/Weight/Appearance

Experiment:

Type of grain: Course are visible to the naked eye, fine grain usually needs a magnifier

Hardness

Hard: scratches glass/metal

Soft: scratches a fingernail

Very Soft: does not scratch

Nail Scrape: take a nail and scratch the rock. What happens?

Mark: Use the rock to make a mark on asphalt or concrete or even a piece of paper. Does it leave a mark?

Use this resource to help identify rocks

<https://www.thoughtco.com/rock-identification-tables-1441174>



# Rock Experiment

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Illustration

Name:

|  |   |
|--|---|
|  | Location in Ireland:                      |
|  | Type: Igneous   Sedimentary   Metamorphic |
|  | Grain:   Coarse   Fine   Mixed            |
|  | Hardness:   Hard   Soft   Very Soft       |
|  | Nail scrape:                              |
|  | Mark:                                     |
|  | Color:                                    |
|  | Weight:                                   |
|  | Appearance:                               |
|  |   |

Illustration

Name:

|  |   |
|--|---|
|  | Location in Ireland:                      |
|  | Type: Igneous   Sedimentary   Metamorphic |
|  | Grain: Coarse   Fine                      |
|  | Hardness: Hard   Soft   Very Soft         |
|  | Nail scrape:                              |
|  | Mark:                                     |
|  | Color:                                    |
|  | Weight                                    |
|  | Appearance:                               |
|  |   |