**Lab#** **Observing Rocks Found in Our Community**

Name & Partners: Date:

**Purpose**: To observe, compare and describe the properties of each rock and to identify whether they are igneous, sedimentary or metamorphic rocks.

**Hypothesis**: I predict that the three rocks I found are: 1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2,\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Materials**:

-3 rocks from school yard -pencil

-magnifying glass -colouring tools

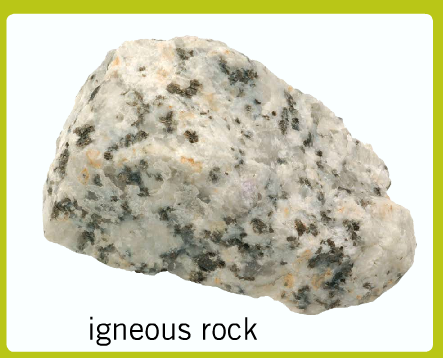
-resources text or computers

**Procedures:**

1. Collect 3 different looking rocks from our school playground
2. Document where you found them and their purpose (décor, landscaping, part of soil, playground structure etc)
3. Illustrate and describe the features and properties: describe in sentences the appearance of each of the rocks: shape, colour, texture, crystal shape, size, texture and dullness or shininess.
4. Predict a classification of what kind of rock it would be igneous, metamorphic, or sedimentary rock.
5. Explain your hypothesis (striations or layers, smooth, jagged or fractures, colours or shapes) for rock type
6. Complete the table and research either computer or textbook to see if your prediction is correct.
7. Refer back to your hypothesis and in your conclusion restate whether your prediction was correct







Metamorphic rock

Sedimentary rock

Igneous rock

Observations: document and fill out the table

|  |  |  |  |
| --- | --- | --- | --- |
|  | Rock 1 | Rock 2 | Rock 3 |
| Illustrate,  draw, and colour |  |  |  |
| Describe properties:  size, shape, texture, luster features, etc |  |  |  |
| location where was it found & what used for |  |  |  |
| Predict: igneous, sedimentary or metamorphic Why? |  |  |  |
| Check: prediction correct?  √ or X |  |  |  |

**Conclusion:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_