Types of Rocks National Park Investigation

Rubric

|  |  |  |  |
| --- | --- | --- | --- |
|  | 4: Excellent **[should this be 3?]** | 2: Adequate | 1: Developing |
| **Igneous** |  |  |  |
| Comments  | Accurately and thoroughly explains how igneous rocks are formed, includes drawings and examples | Accurately explains igneous rock formation, may be lacking in detail or missing drawings or examples | Mistakes in explaining igneous rock formation, no drawings or examples |
| Accurately defines all terms (intrusive, extrusive, large/small crystals) and provides examples and drawings when necessary | Accurately defines all terms, but no drawings or examples or missing one term | Missing multiple termsor mistakes in defining, does not provide examples or drawings |
| Illustration accurately shows how rocks at the park were formed | Illustration generally shows how park was formed, but is sloppy  | Illustration is incomplete |
| Provides multiple examples of types of igneous rocks | Provides one example | No examples  |
| Final product is attractive and well organized  | Final product is organized, but somewhat sloppy | Final product is messy and unorganized |
| **Sedimentary** |  |  |  |
| Comments  | Accurately and thoroughly explains how sedimentary rocks are formed, includes drawings and examples | Accurately explains sedimentary rock formation, may be lacking in detail or missing drawings or examples | Mistakes in explaining sedimentary rock formation, no drawings or examples |
| Accurately defines all terms (fossils, weathering/erosion, sediment, deposition) and provides examples and drawings when necessary | Accurately defines all terms, but no drawings or examples or missing one term | Missing multiple termsor mistakes in defining, does not provide examples or drawings |
| Illustration accurately shows how rocks at the park were formed | Illustration generally shows how park was formed, but is sloppy  | Illustration is incomplete |
| Provides multiple examples of types of sedimentary rocks | Provides 1 example | No examples  |
| Final product is attractive and well organized  | Final product is organized but somewhat sloppy | Final product is messy and unorganized |
| Metamorphic  |  |  |  |
| Comments  | Accurately and thoroughly explain how metamorphic rocks are formed, includes drawings and examples | Accurately explains metamorphic rock formation, may be lacking in detail or missing drawings or examples | Mistakes in explaining metamorphic rock formation, no drawings or examples |
| Accurately defines all terms (heat, pressure, crystals) and provides examples and drawings when necessary | Accurately defines all terms but no drawings or examplesOr Missing one term | Missing multiple termsOr Mistakes in defining, does not provide examples or drawings |
| Illustration accurately shows how rocks at the park were formed | Illustration generally shows how park was formed but is sloppy  | Illustration is incomplete |
| Provides multiple examples of types of metamorphic rocks | Provides 1 example | No examples  |
| Final product is attractive and well organized  | Final product is organized but somewhat sloppy | Final product is messy and unorganized |
| score |