

Rocks & Minerals Evaluation Rubric

Dig It! - Exploring Rocks and Minerals

Assignment	5 Points (Ranger Status)	4 Points (Apprentice)	3 Points (Laborer)	1-2 Points (Novice)
<p>Rocks & Minerals Passport Stamp 1: Rock Cycle Organizer (Dig It Task 4)</p>	<p>Meets all 4-point criteria, AND <i>analyzes</i> the rock cycle by explaining in your own words exactly how one specific rock type transforms into another over time.</p>	<p>Detailed explanation of the rock cycle with at least 3 examples of each of the 3 types of rock (Igneous, Sedimentary, Metamorphic).</p>	<p>Explanation of the rock cycle is lacking details. Provides only 2 examples of each of the 3 types of rock.</p>	<p>Minimum details in explanation of rock cycle, provides 1 or 0 examples of each of the 3 types of rock, or the assignment is incomplete.</p>
<p>Rocks & Minerals Passport Stamp 2: Mineral Profile (Dig It Tasks 8 & 9)</p>	<p>Meets all 4-point criteria, AND uses <i>problem-solving</i> to <i>evaluate</i> your test results. Explain how your mineral's specific properties (like its hardness or luster) make it useful for a real-world tool or job.</p>	<p>4 accurately illustrated results to tests on the profile sheet. Includes a colored illustration and a paragraph describing the mineral with 3-5 facts from the profile sheet.</p>	<p>3 accurately illustrated results to tests on the profile sheet. Paragraph includes some facts but lacks detail or the illustration is incomplete.</p>	<p>1 to 2 tests accurately illustrated on the profile sheet. Contains inaccurate information, shows little attention to detail, or is an incomplete assignment.</p>
<p>Rocks & Minerals Passport Stamp 3: Rock Person Autobiography (Dig It Tasks 10 & 11)</p>	<p>Meets all 4-point criteria, AND uses <i>creative thinking</i> to <i>synthesize</i> an original story. Your rock's personality and hobbies must directly connect to the real scientific facts of how it formed. <i>(Bonus: Your rock is from the Saugus Iron Works!)</i></p>	<p>2-3 well-written paragraphs in the first person. Includes accurate scientific detail about the rock's formation and a creative biographical story. Includes a 3-D rock person with added features.</p>	<p>1-2 paragraphs with adequate scientific information and a basic biography. 3-D rock person is included but lacks detail.</p>	<p>1 paragraph minimum, containing only some scientific information and some biography. Inaccurate information and little attention to detail.</p>