

ASSESSMENT LEVELS & RUBRIC

| Level | DEPTH OF UNDERSTANDING & SUCCESS CRITERIA | GRADE |
|-------|---|---|
| 3.0 | <p><u>APPLICATION and EVALUATION of the Process</u></p> <p><u>Sample test question</u> Imagine you have been hired by the city of Cleveland, Ohio, to construct a new airport. Problem: How would you decide where to build it???</p> <p><u>Paragraph 1:</u> Identify 3-4 “Where” questions that need to be researched before you continue through the process. Explain why each question is relevant/important.</p> <p><u>Paragraph 2:</u> Describe what a G.I.S. will do with the research data, and explain how this action will help you solve the airport-location problem.</p> <p><u>Paragraph 3:</u> Explain why the use of G.I.S. technology is so important to the work that city-planners and entrepreneurs do. Infer: What positive results come from the use of Geographic Information Systems by urban planners and business owners, and what negative consequences might exist if G.I.S. technology were not used.</p> | <p style="text-align: center;">A 3.0 (p. 1-3)</p> <p style="text-align: center;">B 2.5 (p. 1-2)</p> |
| 2.0 | <p><u>UNDERSTANDING the Process</u></p> <ul style="list-style-type: none"> • <u>Background A:</u> Your CivTeam was given a specific Geo-Economic Problem (in the form of a question): What location on the globe would give your civilization a very strong chance for long-term survival and advancement? • <u>Background B:</u> To solve this Geo-Economic Problem your CivTeam completed a process. The first step of that process was to identify research questions that needed to be answered before further progress could be made. The two questions were: a) Where did the highest-yield crops originate? and b) Where did the most productive domesticated animals originate? • <u>TEST ITEM #1:</u> Why were these research questions relevant? <ul style="list-style-type: none"> ○ <i>Write:</i> “The answers to these questions would help us identify places on the globe that could _____... This was important data; our civilization could only succeed if _____...” • <u>TEST ITEM #2:</u> After gathering data you used a Geographic Information System. A) What did the G.I.S. do? And B) Why was the G.I.S. a valuable tool for your team? | <p style="text-align: center;">C 2.0 (full)</p> <p style="text-align: center;">C- 1.5 (partial)</p> |
| 1.0 | <p><u>KNOWLEDGE of Terms/Concepts</u></p> <ul style="list-style-type: none"> • You successfully identify at least 7 of these lesson concepts: <ul style="list-style-type: none"> ○ Nomadic; Surplus; Scarcity; Indigenous; High-Yield; Agriculture; Domestication; Absolute location; Relative location; G.I.S. | <p style="text-align: center;">D 1.0</p> |
| | <p><u>Insufficient Evidence of Knowledge and Understanding</u></p> <p>1. ____ Chunks of accuracy, but not enough to prove a passing comprehension</p> <p>2. ____ Attempts made, but results yield only bits of accuracy at best</p> | <p style="text-align: center;">F 0.5</p> <p style="text-align: center;">F 0.0</p> |