## Celestial Navigation Rubric

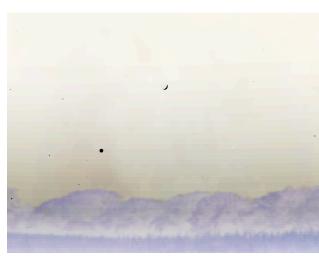
	1 Beginning	2 Accomplished	3 Captain Cook
Identification of resources	Help needed in identifying which objects are relevant	Essential constellations/celestial objects identified	Essential constellations/celestial objects identified and additional ones are found to confirm correctness
Methodology	Guess at an answer based on intuition and experience.	Recalls answers using memorized scenarios.	A few guiding principles are used to logically arrive at a final answer.
Communication	Major portions of reasoning and methodology are skipped.	Explains some steps in methodology but some key steps missing.	Methodology described in a logical progression.
Correctness	Cardinal directions off by more than 45 degrees.	Cardinal directions close, but between 15 degrees and 45 degrees off.	Cardinal directions identified to within 15 degrees
Bird's Eye View	Ground-based view and bird's eye view are incompatible.	Ground-based view and bird's eye view are correct, but there is difficulty in connecting the two.	Correct explanation of relation between relevant celestial bodies/constellations, their light, the cardinal directions and one's position on the Earth's surface

## Example Planetarium Scenarios

Scenario 1 Scenario 2



Location unknown, time unknown



Ithaca, NY 6:30pm

