

Figure 2.
Sample rubric.

| Criteria | Unsatisfactory (1) | Developing (2) | Proficient (3) |
|--------------------------|---|--|---|
| Completeness of Research | Research is incomplete. The student lacks basic knowledge of the issue making meaningful participation in the role-play impossible. | The research is adequate. The student only grasps the main points of the issue. They may also lack knowledge regarding the viewpoint of their character or the complexity of the issue. | The research fully investigates the topic. The student understands the science content and the viewpoint of their character. The student can provide examples/supporting information and is also well aware of multiple sides of the issue. |
| Resources | The student uses less than two resources. The resources may or may not be credible. | The student uses a minimum of two resources, however all resources may not be credible. | The student uses a minimum of three resources. All resources are credible. |
| Collaboration | The group is not working well together. One or a few students are doing all of the work. | The group works together to complete the tasks. Each member of the group has a task, but may not be contributing equally. Information is not always being shared and the group is not as efficient as it could be. | Teamwork is evident. Each member of the group has a task and contributes equally to the research and role-play. Each member shares information and the group engages in meaningful discussions. |
| Cost/Benefit Analysis | The student is unable to analyze costs and benefits. | The student analyzes both cost and benefits, but without supporting factual information. | The student analyzes both costs and benefits, supporting both with factual information. |
| Alternate | The student is | The student | The student |

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|---------------|---|--|--|
| Solutions | unable to consider alternate solutions. The solution developed is unreasonable. | considers alternate solutions. The solution developed is feasible, but is not supported with evidence. | considers alternate solutions. The solution developed is feasible. The student supports the solution with evidence. |
| Participation | Student participation is lacking. Student may have had difficulty following classroom rules for appropriate behavior. | The student is mostly engaged in the research process and role-play. Classroom rules for appropriate behavior are mostly followed. | The student is fully engaged in the research process and role-play. All classroom rules for appropriate behavior are followed. |