Name _____ Date _____

Deep-Sea Expedition Project Proposal Plan

Use the prompts below to guide you as you develop a plan for a deep-sea expedition to collect data in Earth's ocean that could be used to help investigate the following hypothesis: *There are life forms in the oceans of Europa, a moon of Jupiter, that are similar to life forms found in hydrothermal vent communities on Earth.*

Expedition goal: _____

_____

_____

_____

List the key expedition members and the role each will play in the expedition.

Name: _____ Role: _____

_____

_____

Name: _____ Role: _____

_____

_____

Name: _____ Role: _____

_____

_____

Name: _____ Role: _____

_____

_____

Describe where you will explore: _____

_____

_____

_____

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Deep-Sea Expedition Project Proposal Plan, continued

1. What type of exploration vehicle will you use? Will it carry humans or be remotely operated? Does it already exist, or will you build it? _____

2. What data will you collect, and how will you collect the data? (For example, will you take photos, record videos, and/or collect samples?) _____

3. What sorts of things will you need to spend money on before, during, and after the expedition? Make a general list of budget categories that will need to be funded, such as team member salaries, vehicle construction, ship operations, and technology. _____

4. How will you analyze the data you gather during the expedition, and how will you communicate your findings? _____

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