

Directions: Check the box next to your group's assigned resource. Then conduct research using the questions below as your guide. The link to the online resource below may be a helpful start.

My group's assigned resource is:

- reserves of gas hydrates
- deep-sea compounds in development for medical use
- deep-sea ingredients used in cosmetics/health products
- oil
- deep-sea mining of mineral resources (such as copper, nickel, gold, zinc, etc.)
- deep-sea water used for drinking water

Link:

http://www.mcabi.org/shining_sea/theme_exploration.htm research

Guiding Questions:

- What are some specific examples of the resource?
- How, when, and by whom was the resource discovered?
- What specific technology was utilized to access the resource?
- What is the real or potential value of the resource to society?
- What is the real or potential value of the resource to you personally?
- Are there any challenges or potential drawbacks in mining these resources?
- What do you think should be done with this resource? (What responsibilities do people have in developing and disseminating the resource? What responsibilities do they have to conserve and protect this resource and the surrounding environment?)