

Minequest Task List: Magichite!

Big Question: How do the the competing needs of various members of society influence changes in the way we live?

Task #1: On your own, make a list of any facts about magichite revealed in the newspaper articles above. What are its potential uses? Is it found anywhere else? What other substances are necessary to process it?

Task #2: On your own, review the purpose of the task force. You must invite people who represent various interest groups and areas of expertise to serve on the task force. Make a list of the people you will invite to participate. (You won't be listing real names. List the positions or titles that each person holds in the community. Example: mayor, city engineer, coal plant manager)

Task #3: As a team, brainstorm a list of questions that members of your task force will ask about magichite development. Consider the various points of view that will generate a variety of questions from members.

Task #4: As a team, divide and conquer the following research. Return to the group with clear and legible notes to share from the website(s) you were responsible for visiting.

Task #5: With your team, prepare for the first task force meeting by identifying the main points of conflict that will arise when your members representing various points of view come together. Use the list of questions that you brainstormed in Exploring Issues and the notes you gathered in Mining Information to draft a list of 5 to 8 position statements which you predict one or more task force members may propose that will generate the most disagreement.

Task #6: At the first team meeting, your predictions came true. Each of the controversial statements were voiced by team members. Divide up the statements among your team members. On your own, write the counterargument you would make to the statement or statements you are assigned by your team. (Check with your teacher. This may be an assignment you are required to turn in for a grade or class credit.)

Task #7: Wyoming and the world have been watching your task force work over the last nine months. Now the deadline for your final report and recommendation approaches. Members of your task force are advocating for three different approaches to magichite development in Wyoming. Working as a team:

- a. First, print or ask your teacher for three copies of the Magichite Development Proposal worksheet to document the three approaches.
- b. Then, print or ask your teacher for a copy of the Problem Solving Matrix sheet. Determine the criteria that your Task Force will use to rate each proposal. Enter the criteria and the proposal headings on the matrix. As a team, agree on and enter your

ratings. Check with your teacher to determine if you are to turn in your Proposal Worksheets and the matrix for a grade or class credit.

Task #8: On your own, revisit your team's completed matrix and select any two separate scores. Identify the scores you choose by the cell they are in such as Solution 3, Criterion 5. In a written explanation, make a case to support why your team chose these two ratings. Or instead you may write a "dissenting" opinion, explaining why you were in the minority and did not agree with your team's rating in this case.

Task #9: As an individual, write an explanation of how the solution that scored the highest on your matrix was or was not an example of compromise. Did this "winning solution" require more than one interest group or individual to make sacrifices? Who lost and who gained? If you determine the solution did not require compromise, how would you revise it so that it did?

Task #10: Think about the results of your problem solving matrix. Did the solution you liked the best score the highest? Could you sell your solution to someone else? Are you satisfied with the criteria you chose? Register your thoughts at the Minequest Lobby.