

QUESTION MARS ACTIVITY (continued)

Minimum materials required:

- 1 Internet-connected computer per team
 - *Question Mars Student Guide*: 1 per student recommended (students should already have this handout)
1. Have students get together in their small research teams to look at and discuss their first logged observations and identify potential Big Picture Questions they might be interested in answering as a research question. Students will then spend some time explaining why this question is interesting and important for scientific research.
 2. All teams will present their Big Picture Question to the entire team and explain why their research would be interesting and important. The entire team will use this information to debate the merit of the research and ultimately decide on a final big picture question.
 3. Play JMARS background talks to orient students to the types of data that can be collected in JMARS for their project and ask students to identify the layers they think may be most helpful or interesting for their research.

HOMEWORK RECOMMENDATION:

1. Have students review previous explanations and mark out any explanation that cannot be answered with the tools available in JMARS on (D) Student Sheet #3.