Science thrives on debate and discussion.
cf Research Group Meeting.
These are questions to keep discussion going.

**Learning Strategies**

**Useful Question Stems**
*(Connections to Bloom's Taxonomy)*

**Comprehension**

- Explain why …? *(Comprehension)*
- Can you explain how you arrived at your solution to …? *(Compreh/Appl./Synthesis)*
- What general strategies might be used to solve this problem …? *(Compreh./Synthesis)*

**Predictions/Extensions**

- How would you use … to …? *(Application)*
- What is a new example of …? *(Application/Synthesis)*
- What you think would happen if …? *(Application)*
- How might … be tested? *(Application/Synthesis/Evaluation)*

**Comparative Analysis**

- What is the difference between … and …? *(Comprehension/Analysis)*
- How are … and … similar? *(Comprehension/Analysis)*
- How does … affect …? *(Analysis/Synthesis)*
- How is … related to … that we studied earlier? *(Synthesis/Evaluation)*

**Critical Analysis/Epistemology**

- What conclusions can you draw about …? *(Evaluation)*
- What are the key concepts behind this problem? *(Evaluation)*
- In your opinion, which is best, … or …? *(Evaluation)*
- What are the strengths and weaknesses of …? *(Evaluation)*
- Do you agree or disagree with …? Support your answer. *(Evaluation)*
- Are there other solutions to …? *(Evaluation)*

**Note:** *No knowledge connections!*