

Lesson 5: Selecting Team Rover Missions

Engagement Questions:

As your teacher shares and discusses your ideas with the class, write the three questions that you think would be the most interesting to investigate.

1. _____

2. _____

3. _____

Exploration Activity:

Work with your team to narrow your possible questions to a total of three for your team. Write them below.

1. _____

2. _____

3. _____

Then, choose the one scientific question that:

- Has a scientific basis
- Is an interesting question to answer
- Addresses a specific problem
- Interests all students on your team

Put a star next to the scientific or technological question that your team has chosen to answer.

Teacher Checkpoint: _____

Explanation:

Now that you have determined your team's scientific question, use the chart below to help refine your question.

Steps	My Teacher's Example	My Work
My Topic:	The rings of Saturn	
What I want to know:	Where objects can orbit Saturn	
Question:	Can an object stay in orbit around Saturn somewhere else besides the rings?	

Check	Work
Is my question clear?	
Is my question specific?	
Can I answer this by gathering data?	

Teacher Checkpoint: _____

Evaluation:

Why is it important to ask valid (good) scientific questions?
