

Lesson 6: Mission Measurements

Engagement Questions:

Your teacher's scientific question has to do with Saturn:

Can an object stay in orbit around Saturn somewhere else besides the rings?

Brainstorm some possible solutions to this scientific question to share with your teacher and your class.

Solution #1 _____

Why is this solution a good idea? _____

Solution #2 _____

Why is this solution a good idea? _____

Solution #3 _____

Why is this solution a good idea? _____

Solution #4 _____

Why is this solution a good idea? _____

Exploration:

Using your teacher's example as a guide, brainstorm your team's scientific or technological question. Narrow your solutions down to one and circle it:

Mission Questions	Proposed Missions		
How might this happen?			
What else could happen?			
Have we thought this through?			
Does this mission make sense?			
Can this be done?			
Is it possible and/or reasonable?			

Evaluation:

How does coming up with a plausible solution for your scientific question help you design the measurements you need for your Mars Rover mission? _____
