

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 on the worksheet that your teacher will give you. Narrow your solutions down to one and record it below:

Mission Questions	Chosen Mission
How might this happen?	
What else could happen?	
Have I thought this through?	
What measurements will I need to make to carry out my mission?	
Does this mission make sense? What problems could cause my mission to fail?	

Evaluation:

Why is it important to write your scientific question so you can answer it using data?
