

Name: _____ Date: _____

Homework: Creating a Model to Explain What Happened to the Pod

Today you watched a video about a space pod that was trying to dock, but something happened to cause the pod to move away from the space station instead. Scientists don't know what caused this change in direction, because a few seconds of the video went out just as the pod was about to dock. **Create a model to explain what you think happened during the missing seconds that caused the pod to move away from the space station, in the opposite direction.** To create your model you may want to do one of the following:

- Use objects you have at home to show what you think happened. If you do this, bring these objects into class and be prepared to explain what you think happened.
- Create a diagram-model to show what you think happened. Be prepared to explain your diagram to other students.
- Find another way to model your thinking. Be prepared to share your model in class.

1. Describe what you did to create your model:

2. What are two ways your model accurately shows your ideas on what happened to the pod?

3. What are two ways your model does not accurately show your ideas on what happened to the pod?
