Rover Design Activity
Student Documentation for Project and Process

Suggested prompts for Step 5 - Observe, Improve, Iterate

Rover Design Project Documentation	
Describe or create a simple labeled sketch of the rover and track you are designing.	
Does the design meet the required criteria and constraints? ● Is the rover complete? ● Does the rover have features that are appropriate for the specified region it runs in? ● Is the track representative of the specified region? ● Does the rover follow the track well?	
Describe the challenges your rover is designed to meet, and the rating you are planning to attain.	
Explain something that you like about your rover and/or track designs.	
Describe something that you want to improve on your rover and/or track designs, and how you might do it.	

Suggested prompts for Step 6 - Reflect

Rover Design Project and Process Documentation	
Describe or create a simple labeled sketch of the rover and track you are designing.	
Did the rover perform as you expected? • Is the rover complete? • Was the track representative of the specified region? • Does the rover follow the track well? • Did the rover meet the challenges it was designed for? • Did the rover meet challenges that you did not expect?	
Describe something that you want to improve or add to the rover and/or track, and how you might do it.	
Describe the process you used to design the rover and/or track.	
Explain something that you liked about the design process.	
Describe something that you would change/improve about the process	