

## Video Production

When each student team has a completed prototype and progressed through all eight steps of the engineering design process (EDP), the team will create and produce a video that describes the process they followed to engineer the challenge solution. The video should answer the following questions:

- How did the team meet the challenge criteria and constraints?
- What happened during each step of the EDP?

### Student Team Video Requirements

1. All team members must talk in the video.
2. The team must be creative to tell the engineering design process story.
3. The video must be uploaded to the Y4Y Web site.
4. The video must not exceed 5 minutes.
5. Teams must use the following introduction in their script to begin their video:  
"This is team (team name) and we created a solution to the Parachuting Onto Mars engineering design challenge. Our video title is....."
6. Do not identify the name of any student, teacher, school, group, city, or region in your video.

### Procedure

Student teams will need to collect all the information, Student Journals, pictures, video clips, and prototypes they used to complete the challenge. The students should be creative when designing their student videos. Encourage them to use whatever technology and video modality in which they feel comfortable. Videos can be skits, posters, interviews, or demonstrations. Each team will

1. Develop a script that the students will read during the video. Each student must have a part of the script assigned to them. The students will complete the Student Presentation Organizer and the Team Progress Chart in the Student Journal.
2. Develop a storyboard or a video that shows the sequence of video elements, the script, and any materials that will show their progress through the EDP (pictures, data charts, and drawings).
3. Identify and discuss the team's experience with all eight steps of the EDP.
4. Explain how they addressed each challenge criteria in their final design prototype.
5. Upload their videos to the Y4Y Web site.

Student Name: \_\_\_\_\_

Team Name: \_\_\_\_\_