

CHALLENGE CHECKLIST

Prior to the Challenge

Things to download, print, review, and copy:

- 1. Download and review the presentation slides for students.
- 2. Download, print, and review the Video Criteria and Rubric. Make a copy for each team of students.
- 3. Download, print, and review the Educator Guide, Design a Crew Exploration Vehicle. Print the Student Journal pages for each team.
- 4. Download or bookmark the Introductory Video, Telling Our Story with Video, and any other videos needed for your presentation.
- 5. Download and review the Technical Requirements for Video.
- 6. Download, review, and print enough media release forms for each student.

Things to schedule, set up, or test:

- 1. Review the online Event Schedule and select at least one live event for students to interact with a NASA Subject Matter Expert.
- 2. Gather and organize materials from the materials list for each activity.
- 3. Test your technology set up to make sure students can see and hear videos, slides, etc.
- 4. Select a suitable and safe area to deploy CEVs. It could be an open stairwell area balcony or stable ladder. The capsule drops must be from at least three meters high, the higher the better.
- 5. Check your video or digital cameras to ensure they are fully charged and have enough memory or tape for recording challenge activities.

During the Challenge

- 1. Distribute media release forms to each participating student and set a due date for return.
- 2. Ask each group of students to come up with a unique team name.
- 3. Use the presentation slides for students to lead the students through the challenge.
- 4. Encourage each team to take pictures and video throughout the challenge for use in their final video.
- 5. Help students prepare questions and information to share with NASA Subject Matter Experts for the live event for students.
- 6. Participate in one or more live events for students.

After the Challenge

- 1. Review Video Criteria and Rubric and Telling Our Story with Video with students.
- 2. Assist students as they plan and create their final video.

Design a Crew Exploration Vehicle

- 3. Upload student video submissions.
- 4. Allow enough time to send a separate email with entry information and media release forms for each video by April 16, 2015.
- 5. Participate in evaluation of the 21CCLC pilot program.