

## Generation Beyond Student Video Challenge Frequently Asked Question's

### ENTRY FAQs

#### 1. HOW DO STUDENTS ENTER?

To enter, students are challenged to design the habitation module for the first crew to Mars. Students can find checkpoints and thought starters online at [www.generationbeyondinschool.com](http://www.generationbeyondinschool.com). Students will present their Mars Mission habitation module through a **one- to two-minute** video, which **must include a visual representation of the habitation module**. The entry video must be longer than 60 seconds, but not longer than 120 seconds.

#### 2. IS THE COMPETITION OPEN TO ANYONE?

The competition is open to students who are at least 11 years old and enrolled in 6th through 8th grade in the U.S.

#### 3. WHY DO PARENTS HAVE TO GRANT PERMISSION FOR STUDENTS TO ENTER?

In compliance with the Children's Online Privacy Protection Act of 1998, parental/guardian consent is needed for any person under the age of 13 years to give personal information to a third party over the internet. In the case of our competition, each student's parent/guardian needs to grant consent for us to receive their entry.

#### 4. CAN STUDENTS ENTER AS INDIVIDUALS OR TEAMS?

Students may submit an entry as individuals or in groups (teams up to 4 people total).

#### 5. CAN MUSIC BE USED IN MY VIDEO?

Entry videos may not contain music unless created by the student or by someone who has given the entrant permission to use his/her music.

#### 6. WHERE CAN STUDENTS GET A VIDEO CAMERA?

Many cell phones and digital cameras can be used to film a short video. Students who don't have access to either can check with their teacher, school media center, or local Public Library.

#### 7. HOW CAN STUDENTS RETRIEVE A LOST USERNAME/PASSWORD?

When a student's parent/guardian completed the required consent form and registration form, the student's username and a link to change their password were emailed to the student and his/her parent/guardian. Passwords can also be reset [here](#).

#### 8. ARE THERE RULES AND GUIDELINES ABOUT HOW TO MAKE A VIDEO?

Yes, it is very important that each student read and comply with the Official Rules and Regulations and Safety Guidelines. The official rules for the 2017 Generation Beyond Student Video Challenge are posted [here](#).

#### 9. ARE THERE EXAMPLES OF SUCCESSFUL VIDEOS THAT CAN BE VIEWED?

You can see videos from the last Challenge in the [Winner Gallery](#).

#### 10. IS THERE ANY ADDITIONAL INFORMATION FOR COMPLETING AN ENTRY?

To help students design their own habitation modules, the [Generation Beyond Student Video Challenge Checkpoints](#) offers a digital interactive guide that provides essential facts and considerations or “checkpoints” including:

#### 11. HOW DO STUDENTS SUBMIT A VIDEO?

Students must have a user account to submit a video. Once a student's parent/guardian has completed the consent form and registration page the student should see the Upload button on Step 3.

Students should submit a video as a YouTube link by December 14, 2017. Before uploading your video, be sure it meets the following criteria:

- 1 Your video only contains your original ideas and work.
- 2 Your video does not have copyrighted or trademarked content.
- 3 Please make sure the title of your video is "Generation Beyond Submission - [Your Title]".
- 4 Your video is between 1-2 minutes in length.
- 5 Your video is uploaded to YouTube and published for public viewing and set to unlisted. Please note, do not set your video to private. (see [youtube.com/help](http://youtube.com/help) for details)

Any video that does not meet these criteria will be disqualified from the challenge. Questions? Email us at [GenerationBeyondInSchool@discoveryeducation.com](mailto:GenerationBeyondInSchool@discoveryeducation.com).

#### 12. CAN SUBMITTED VIDEOS BE UPDATED?

Yes, students can log into their account and submit a new video link prior to December 14, 2017 at 8:00pm ET. Once a new link has been provided, the new link will overwrite the old link associated with the student's account.

#### 13. WHAT SIZE SHOULD THE VIDEO BE?

If an entry video is larger than 100mb, how can the file size of the video be reduced for upload? Many free encoder solutions can be downloaded through the Internet, such as Riva FLV Encoder, SUPER, or MPlayer (Mac). The listed third-party solutions are not related to Discovery Education or Lockheed Martin, and are to be used by entrants at their own risk. Entrants can also try adjusting the settings within their video editor to reduce the pixel resolution and frame rate of the file.

## JUDGING FAQs

### 14. HOW ARE VIDEOS JUDGED?

Videos do NOT need to be "produced" or have high production value. Judges are not evaluating production skills. Videos may be recorded on cell phones or simple digital cameras, for example. In addition, local libraries and schools may be able to loan cameras to students. All Entry Videos will first be screened to ensure they meet the entry criteria. A panel of qualified judges from Discovery Education, Lockheed Martin and its partner organizations, educators and science professionals will then score qualifying Entry Videos using the following judging criteria:

- Scientific knowledge (30%): Your video must demonstrate understanding of at least three requirements/constraints of life of a deep space mission and how the Habitation module addresses them. Make sure you address the following points in your video:
  - **How does your Hab take into account the fact that there is no "up" or "down" in space?** Do you use this to your advantage, or is it an obstacle that you have overcome?
  - Heat and fluids circulate differently in microgravity: the Hab module includes a galley, which will involve both heat and fluids. **How does your galley account for the changes in the behavior of heat and fluids brought on by microgravity?**
  - **The human body is greatly affected by microgravity.** What medical and exercise equipment will you provide for your astronauts? How will these help keep astronauts safe and healthy? Keep in mind that in a medical emergency, it may be impossible to consult with Earth in real-time!
- Creativity of Habitation module (ingenuity and innovative thinking) (30%): your Hab must make an efficient use of limited space while still providing all of the safety measures required by spaceflight. Make sure that your video addresses the following topics:
  - You have had to include a lot of equipment, living and meeting space in a relatively small space. How did you make an effective use of space in your Hab module?
  - How did you provide space for a crew of 5 to relax on their off-time? What entertainment did you provide? How will they keep in touch with friends and family back home?
  - How did you ensure that your Habitat will remain safe in case of emergency? Remember, the communications delay means that immediate consultation with mission control may be impossible; the crew will be on their own.
  - Will it be easy for astronauts to move in and around the Hab, as well as through the Hab to get to other parts of the spacecraft?
- Effective communication (20%)
- Overall presentation (20%)

### 15. WHO ARE THE JUDGES?

The video competition is judged by a field of experts in science and communication including current and former teachers, scientists, and representatives from school districts across the country.

#### 16. WHEN AND HOW WILL STUDENTS FIND OUT IF THEY HAVE WON?

Students will be contacted via phone and/or email in Spring 2018 to let them know if they are a winner.

### **PRIZING FAQS**

#### 17. WHAT ARE THE STUDENT PRIZES?

At the end of the competition, the Generation Beyond Student Video Challenge will award the following prizes.

Sample prizing for winners includes:

- Individual Grand Prize: \$10,000 cash; and a trip for the winning Student and one Parent chaperone to facilitate a unique space-related experience.
- Team Grand Prize: \$10,000 cash to be divided equally between Team members; and a trip for the winning Team members and one (1) Parent chaperone to a destination to facilitate a unique space-related experience.
- Individual Second Place Prize: \$5,000 cash; a certificate of achievement; and letter from Lockheed Martin CEO Marillyn Hewson.
- Team Second Place Prize: \$5,000 cash to be divided equally between Team members; a certificate of achievement; and letter from Lockheed Martin CEO Marillyn Hewson.
- Individual Third Place Prize: \$2,500 cash; a certificate of achievement; and letter from Lockheed Martin CEO Marillyn Hewson.
- Team Third Place Prize: \$2,500 cash to be divided equally between Team members; a certificate of achievement; and letter from Lockheed Martin CEO Marillyn Hewson.
- Individual Regional Prizes (one from each Region – total of 4 regions): a certificate of achievement and letter from Lockheed Martin CEO Marillyn Hewson.
- Team Regional Prizes (one from each Region – total of 4 regions): a certificate of achievement and letter from Lockheed Martin CEO Marillyn Hewson.

#### 18. WHAT IF I HAVE A QUESTION THAT IS NOT ADDRESSED HERE?

Contact us at [GenerationBeyondInSchool@discoveryeducation.com](mailto:GenerationBeyondInSchool@discoveryeducation.com). Information submitted to this email address by unregistered students will be deleted after a single response.