

## Creating Your Video

**You have worked hard on your invention. This is a chance to share your story!!**

### Rules

- The video should be a maximum of 4 minutes long.
- There should be **NO editing** or production. Don't add any graphics, or fades, or music.
- The video should run continuously.
- **For students in grades K-3:** Parents may prompt students with questions. See "For K-3 Inventors" below.

**BE sure to plan the content of your video ahead of time. Here are some tips:**

- Begin with introductions. You should say your name, grade, school, city and the name of your invention.
- Your video MUST address the originality of your invention and the research you have done to discover what makes your invention an original, or an improvement on a product that already exists.
- Be sure to talk about all steps of the invention process that you went through while creating your invention. What challenges did you encounter? What changes did you make and why?
- Here is a general outline for the flow of the videos with some suggested questions you would answer in each section:
  - **Invention Process**
    - **Identifying & Understanding & Ideation-** How did you uncover this problem? Why did you care about this problem? Who else might experience the same problem? How did you arrive at the solution?
    - **Designing & Building** - How did you design the invention to work? How did you choose the materials used to build the invention?
    - **Testing & Refining** - How did you refine the design through testing? What challenges did you encounter? How did you overcome those challenges?
  - **Invention Impact**
    - **Originality:** Is the invention unique? If there are similar solutions to your problem, how is your solution different? better? What research did you do to determine your invention's originality?
    - **Environmental or Social Impact** - How does your invention improve environmental or social conditions or have a minimal adverse impact?
  - **Communication**

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- **Prototype or Model:** Does your prototype clearly communicate the key characteristics that make the invention effective and beneficial? Be sure to show it on the video (you can have the camera move in closer)
- **Point out the features** – if it is working, show how it works
- **Be sure to clearly communicate** the invention process and impact. Be organized, clear, and concise. You should speak without reading from cue cards. If this is a team invention, then both members will participate in the video.

### Helpful hints for filming

- Film with a smartphone or video camera
- Plan what you are going to say. If you are on a team, decide who will talk about which topics before filming.
- Display and use your prototype and display board in the video.
- Film in a quiet, well-lit place. Avoid filming in front of a window. Check to make sure that neither you or your display board are in shadow.
- Use a loud, clear voice and speak slowly!! Your first impulse will be to rush through – take your time - 4 minutes is a long time. You may want to practice this a few times with the camera.
- Before recording, take a deep breath and relax! Remember, you are the expert on your invention.

### Uploading your video to YouTube

- **Upload the video as PUBLIC or UNLISTED. Do not set videos to private, as this will leave them inaccessible to your judges.**
- You can create a channel just for your video or upload to a family member's channel.
- Copy and paste the YouTube video link into your online registration

### For K-3 inventors

K-3 inventors may need an adult to prompt them with questions from behind the camera. Questions that might help your inventor when filming:

- Can you tell me how you thought of this invention?
- What problem are you trying to solve with this invention?
- How does your invention work?
- Did you make any changes to your invention? Why did you make those changes?
- Who do you think will use this invention?
- Does your invention help the world, or just a few people?
- What impact on the environment do you think your invention will have?

**Have fun telling your invention story – and we will see you on April 13<sup>th</sup>!**