



Creating Your Video

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

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Create a 4-6 minute continuous video (with no post production editing) for YouTube.

Tell the Story of your invention. Explain the problem. Share the process you went through to come up with the solution. Explain how you created the invention. The video must be uploaded to the registration system by March 26th at the latest to be included in the Invention Convention.

Directions on creating the video on an IPHONE and uploading to YouTube are at the end of these instructions.

Making your Invention Video Tips:

- Plan the video ahead of time so you know the order. If this is a team project, then each team member shares telling the story. Plan out ahead of time who will speak when. Using Zoom and recording your Zoom meeting is one way to create a video with team members and still maintain a pandemic safe distance.
- Practice! Practice! Practice!
- Once you are ready:
 - Find a quiet, well-lit spot where you can: 1) demonstrate your invention, 2) show your prototypes and share drawings or key graphics, 3) have enough room to comfortably present.
 - You may want to set up a table in front of you to show your invention that way.
 - If you're indoors, natural light from windows works well. Just don't stand in front of the window with the light behind you. You want the light illuminating your face and your prototype, not casting you in shadow.
 - If the best way to demonstrate your invention is to be outdoors, go ahead and make your video outdoors. PLEASE BE EXTRA MINDFUL OF SOUND. A windy day or traffic can make your video hard to hear.
 - Take a tester video for about 10 seconds. Test the sound and the lighting. Say a sentence or use the classic, "testing, testing, 1,2,3" and see how the light and sound are working. Adjust your position or the lighting to make sure the sound is clear and your face and presentation area are clearly visible.
 - Talk in a loud, clear, voice!! You are the expert on this invention.
 - You can use your virtual display board in the video, too! So, have that nearby and make sure that works well on camera, too.



- It is normal to be a little nervous. Pretend you are telling a story to your best friend. And you can always start over!! Be sure to keep your joy! When the camera is not running, you can be silly, or jump, or sing, to get your nerves out and keep your energy up!

What to Include in Your Invention Convention Video

- Introduce yourself. If a team, then each team member introduces themselves. Say your:
 - First Name
 - State
 - Name of your invention
 - *Example: Hi, I'm Maria from Massachusetts and I invented the MaxMixah!*
- Tell the story of how you recognized the problem you solved.
 - What is the need?
 - Who else has this problem?
- You may use your virtual display board to help you make your points throughout your video.
- Did you do any research on this problem? Tell us what you found.
- Explain your idea for the invention you built to solve the problem.
- Did you check to make sure this invention doesn't already exist? If it does, what did you do to make your invention different? Better?
- Tell about any challenges you overcame to arrive at your final design – hold up your Invention Log to show you documented the process.
- Did you have to redesign? Why? How many times so far?
- How did the testing go?
- What did you learn as you went through the design, build, and test cycle?
- What kind of materials did you use?
- EXPLAIN and/or DEMONSTRATE the prototype. (It does not need to be working yet- that's OK!)
- Show your prototype on the video (you can have the camera zoom in closer)
- Point out the features – if it is working, show how it works.
- EXPLAIN HOW THIS SOLVES THE PROBLEM!
- If you still want to improve upon it, or have ideas for how to build upon it in the future, share those ideas.
- Can you think of who else this might help or who else would use it? ? How would it help? How would they use it?



Important Rules for Your Video

- Your video cannot be “produced;” it is expected to be a continuous 4-6 minute video.
- Do not add any special graphics or music.
- Do not use any special editing such as fade in/out or transitions.
- National Age Group Rules
 - **Grades K-2:** 3-6 minute video with permitted use of notecards and/or simple parent prompting (not interview style)
 - **Grades 3-4:** 4-6 minute video with permitted use of notecards but no parent/adult prompting of any kind
 - **Grades 5-12:** 4-6 minute video with no notecards or adult prompting.

Upload Your Video to YouTube

- DO NOT mark your video as “Private” or our judges will not be able to access it . You can mark it as “Unlisted”.
- You will copy and paste your YouTube video link in the online registration form in the appropriate spot.

Creating Your Video Using your iPhone or Other Cell Phone

Before you begin – turn off the AUTO-LOCK in settings.

Steps for turning off AUTO-LOCK:

- Go to your Settings button
- Click on Display and Brightness
- Click on Auto-Lock and select: **Never**

Record the video on the iPhone using the video instructions above – then

Upload Video

1. Open **YouTube**.
2. Click on the CAMERA in the top bar.
3. Click on the Video you would like to upload.
4. Click on NEXT in the top right corner.
5. Change the TITLE.
6. Add a DESCRIPTION.
7. Keep the upload PUBLIC.
8. Click the UPLOAD in the top right corner.



You will copy and paste your YouTube video link in the online registration form in the appropriate spot

Have fun telling your invention story