



2021-2022 Ohio Invention League Invention Convention Program Year Video Pitch Rules and Instructions

- The video should be no more than 6 minutes long. Remember, this is the only means of judging, so make sure you tell us about your invention process, making sure to cover all the steps in the invention process. You do not need to add unnecessary elements to your video to get it to 6 minutes.
- There should be NO editing or production. You may also choose a video conferencing platform like Zoom, WebEx, or Google Classroom to record your video. This allows you to share a digital board and still be seen as the presenting inventor. If you choose to use a digital board, your video should NOT be reading your digital board to the judge. It is a reference, like an actual board, and points will be deducted for reading the board. Your video is you/your team, the expert/s on your invention, sharing your invention process and why your invention is important and unique or innovative.
- The video should run continuously. This means there should be no transitions and no media or music included. We want to focus on you and what you have accomplished.
- While filming on a smartphone, hold the phone horizontally/landscape.
- For students in grades K-3, parents may prompt students with questions. Also, students in grades K-3 can do a Zoom call with a teacher/educator involved in their invention process for their video submission. The teacher/educator can prompt and ask questions.
- Your video will be judged against the Ohio Invention Convention 2021-2022 virtual rubric. Please see the rubric and the video outline for help with planning your presentation.
- Your video presentation will be used by the Ohio Invention League to allow our volunteer judges to evaluate inventor submissions.
- Please read the rubric carefully. The judges will score your video presentation based on the rubric and your ability to communicate how you created your prototype using each step of the invention process. **Use the rubric to plan the content of your video.**

What if I worked as a team?

- Regardless of whether teams are recording a video together in person on a device, or using a video conferencing platform, each inventor **must be** talking about their **invention process and sharing information in the video**. One inventor will be responsible for recording the video or video meeting, uploading it to YouTube, capturing the shareable link, and pasting link into the registration system. This inventor should also have the display board or digital display board (i.e., Google Slides or PowerPoint), and prototypes images to upload these items in the requested fields. When all items are uploaded and the registration process is completed for the first team member, they will see on the screen a "project key". They should copy and paste this "project key", and email to the teammate, to use to complete their registration. This will link the uploaded items for the other teammate.

For K-3 Inventors

K-3 inventors may need an adult to prompt them with questions from behind the camera. Only inventors in grades K-3 should be utilizing adult prompts. Also, students in grades K-3 can do a Zoom call with a teacher/educator involved in their invention process for their video submission. The teacher/educator can prompt and ask questions.

Preparing for Your Presentation

When preparing for your presentation, use this outline and questions as a guideline. We also suggest you review the “*Example of Student Pitch Videos*” resource sheet before making your video. The topics below are what judges will be scoring you on, so you want to make sure you address or go over these topics or questions in your presentation. Overall, the judges want to hear about your invention process, so spend time explaining how you arrived at your solution. The times suggested for each topic are just that, suggestions. Do not feel that you must speak for that long. Be concise with what you have to say, and do not worry if your video does not reach the maximum time.

Here are some tips:

- Begin with introductions: say your name, grade, school, 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 invention or is 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? Read the rubric carefully to make sure you address all criteria.

Invention Process, Problem and Solution identification — Identifying, Understanding, Ideating (2 minutes)

- Arrival at the problem:
- How did you uncover the problem?
- How did you become passionate about this problem?
- Answer could be a personal story with connection to problem or a written process of identifying and researching a problem and its impact.

Research on who is affected by this problem:

- What sources did you use to uncover the problem your invention solves and to better understand the situation?
- Answer could be a personal story of how you were inspired or a bibliography of sources. If you spoke to an expert, tell us about what you learned.
- Arrival at the solution:
- How did you arrive at your solution?

- How does your solution solve the problem you identified in your research? What sources did you use to uncover your solution and to better understand your ideas?

Originality research:

- What research did you do to see if something like your invention already exists?
- How did you modify your ideas to be unique?

Problem and Solution identification — Identifying, Understanding, Ideating (2 minutes)

Present your prototype:

- How does your prototype work? Show the judges in your video. If you have a nonworking model, explain how your prototype would work.
- How did you choose the materials used to build the invention?

Testing and iteration:

- How did you test your invention to see if it would work?
- What changes or refinements did you make to your invention during the design process?
- What challenges did you face and how did you overcome them?

What did you learn as a result of inventing?

Invention Impact/ Entrepreneurship — Marketing, Value Proposition, Social Value (1 minute)

- Social/environmental impact of the invention:
 - How does the invention improve environmental or social conditions or have a minimal adverse impact?
- Your market or audience:
 - Who might use your invention?
 - How much might it cost if you were to sell it?

Professor Prototype's Video on Making a Pitch Video

Link to how to make a video pitch submission

<https://www.youtube.com/watch?v=o3cmy2qNnh4&feature=youtu.be> **Fix Pitch video example**

Helpful Hints for Filming

- Film with a smartphone or video camera. Remember to hold the phone horizontally.

- Plan what you are going to say. Remember, this will be viewed by adults, so consider what clothing would reflect who you are.
- Use your prototype and display board (if you have them) in the video.
- Find a quiet, well-lit spot where you can set up your display board, invention, and you have room to present. Natural light from windows works well. Do not stand in front of the window, as you will appear as a shadow. The light should be coming toward you, the invention, and your display board. (include picture of good inventor display)
- Use a loud, clear voice. 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

- You cannot upload your video directly to our registration system. You will need to upload to a video sharing website, such as YouTube, and then copy the link into your registration. You may use another method, but the link must be able to be opened in your registration, so it cannot be a private-sharing link.
- You can create a channel just for your video or upload to a family member's channel.
 - Upload the video as UNLISTED. Do not set videos to private, as this will leave them inaccessible to your judges. UNLISTED means your video will not appear on searches, so no one can access the video without the link.
- After your video has uploaded, select "Copy Link", this will then copy link to your clipboard and then right click to paste the YouTube video link into your online registration.
- If you are going back to YouTube to get your video link later, go to YouTube click on your icon in top right corner, find "Your Channel" click on it, then on your channel page look to the left side of screen and click "Your Videos" to find your unlisted video. Click on your unlisted video to bring it up, then click the word "Share" under the video and a new window will pop up. Click the word COPY in blue to the right of the identifying URL link for your video, at the bottom of your screen it will say "copied to clipboard" go to your registration and right click and paste link in correct field. You can also paste the link into an email to yourself so you can find it easily again if needed. **Tutorial uploading video to YouTube and creating link for registration system** <https://youtu.be/YVCM0SyfpBY>