

DISPLAY BOARD

The display board is an important part of the Invention Process. It's the first thing that a Judge or other viewer sees and it helps to visually explain the inventor's process.

Use a tri-fold display board that is no wider than 24" when the wings are folded in, 30" when expanded. At live events, the student's grade should be visible in lower right corner.

The prototype will go in front of it (on the table or on the floor) and should be no wider than 24".

- For live events, include a Student Waiver Form taped to back of the tri-fold, with a duplicate provided at sign-in. (found at wnyinventionconvention.org/resources)

These categories should be labeled:

- The **PROBLEM**
- The **PROCESS**
- The **SOLUTION**

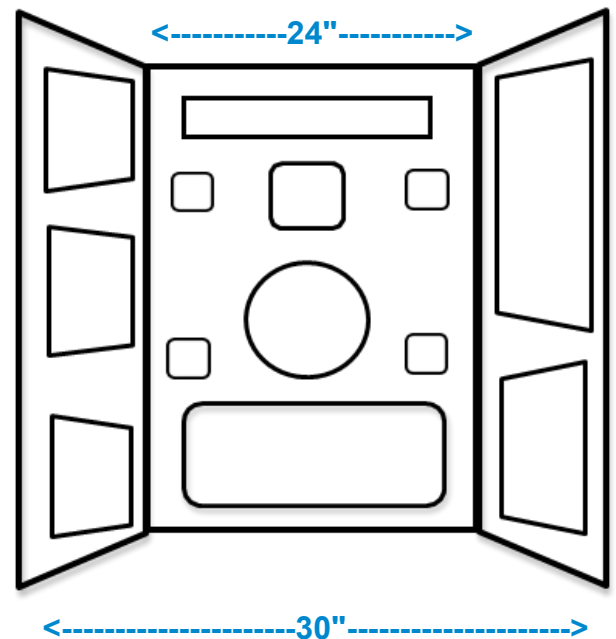
Encourage this:

- Lettering that is readable (style, size, color)
- Colors that look good together
- Correct grammar, spelling, and punctuation

Things that might be included:

- Images showing building or testing
- How the invention was made
- How the invention is used
- **SIMPLE AND PRECISE** text to support and explain any pictures, drawings, charts, etc.
- Any scientific principles that were used (e.g. buoyancy, heat transfer)
- Any engineering disciplines that were used (e.g. electronics, optics)
- Testimonials from users, research results, testing results
- Any other information about the invention that helps explain it, what it does, or why it is good
- At live events, have your Invention Log nearby for the judges to access

Hint: Encourage the use of bullet points because more elaboration should be provided in the pitch and the Invention Log.



Other Considerations

Teacher/Advisor must sign off on the inventor's solution/invention before they begin building their prototype from their design. This is in the Invention Logbook.

- The Inventor(s) must have a COMPLETED & SIGNED Invention Logbook with each page dated by the inventor(s) (suggested format is found on wnyinventionconvention.org/resources).
- The concepts must be within the realm of reason: Space ships & homework machines will not meet the criteria.
- Demonstrations/presentations may not include human beings or other living creatures.
- If an invention is for animals, it must be demonstrated in pictures or by using a stuffed toy.

Your prototype does not have to be a working model, but you need to be able to explain how it would work. If it can be operational, it should be.

- Wall outlet electricity may NOT be used at a live event. Battery powered devices are fine (using wall electricity in a Virtual event is fine).
- Inventors may not use lighters, matches, candles or any other open flame or heat source nor any material or liquid considered combustible.
- Inventions may not contain biohazards or utilize any materials that are, or could become, dangerous.
- Other restrictions include: electric stun guns, martial arts weapons, guns, replica guns, ammunition, fireworks, knives of any size, mace, pepper spray, razors, or box cutters.

Video Presentations of the Prototype

If your prototype cannot be actually demonstrated at WNYIC due to issues with size, electricity, or hazardous materials, a video of the device in action can be shown.

- The prototype should still be present.
- Video presentations can accompany non-hazardous prototypes as well.

Video Submissions

- See Video Presentation Guidelines (<https://wnyinventionconvention.org/resources>).
- Guidelines include tips for designing, filming, and uploading Video Submissions