



IDAHO  
iNVENTION  
CONVENTION



# Invent Idaho Invention Competition Rules

The idea of the invention **must** be student initiated. Guidance\* from parents, adults, or friends is acceptable but must be fully documented in the Inventor's Journal. Student must do all work that he/she can safely do at the child's age. The **original idea** must be the student's own. Names and faces are permitted on display and in notebook with permission from adults.

- The overall theme of the invention must enhance the quality of life and be humane.
- Each invention must include a three-dimensional **model**, prototype, or the actual invention.
- A **free-standing display** (not wall poster) is required. Display must include name of invention, blueprints or diagram, goal or problem invention solves, and how the invention works or functions. Pictures or photos are encouraged.
- Cost of **new** materials is not to exceed **\$25.00** for the **model or prototype**. Display board and journal do not count in cost. Journal must document donated, borrowed, or repurposed materials and list costs of newly-purchased items. No receipts are needed.
- An **Inventor's Journal** must accompany the invention. In the journal, students should document the inventing **process** from brainstorming through prototypes, and show how they have met the judging criteria. Neatly hand-written journals are encouraged.
- Inventions in any category may be entered by **individuals** or by **teams** of students. Mixed grade level teams must register in the grade division of the oldest member. No more than 4 students per team. Note: if selected to win an award, one award is presented to the PROJECT.
- Inventions from prior years will not be accepted.
- All inventions grades 1-8 will be judged by the same criteria. High school judging criteria are slightly modified to include a CAD drawing and a video.
- No weapons or weapon systems; defensive systems are acceptable.
- \*NOTE: Students are expected to do all work themselves, except in issues of safety. Parent guidance is best done by asking questions—not doing it for the child. Plagiarism is not acceptable. Adult help must be documented.

## GRADE DIVISIONS

1 & 2

3&4

5&6

7&8

9-12