### Criteria Description

#### Inventing Process
- Logbook documents how idea originated; evidence of student being the main contributor to the project (students should do all work appropriate for their grade level; adult help is encouraged regarding any safety issues, such as using power tools).
- Logbook must document student initiative and the inventing process from brainstorming prototype to final project (include modifications/improvements/all changes from beginning to end).

#### Research and Documentation
- Documents research related to the topic and existence of similar inventions (explains originality).
- Lists all items used, including borrowed and repurposed.
- Documents expenses under $50 for purchased materials.
- Documents help from any adults.

#### Analysis
- Analysis of the invention benefits/consequences: environmental, societal, market potential.
- Pros/cons of design process.

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**Process for Judging Logbooks**

Twenty people interested in judging logbooks are invited to serve as judges. Idaho Affiliate and Judge Committee member Beth Brubaker will serve as lead judge.

- The 20 judges are divided among the total number of inventions (specific numbers assigned).
- The criteria will be used to determine a list of 3-5 to be considered for the logbook award. These 20 judges will first work individually and independently to make a list of their best 3-5 logbooks.
- These exceptional logbooks will be given a final look by the lead judges to determine the Best Logbook Award.