

# Invention Convention is coming!

Friday, March 12 ~ Inventors and Judges  
Monday, March 15 ~ School Wide Celebration  
(Inventions due in BES Cafeteria on March 11, 5:30-7:00)

**The Bow Elementary School Second, Third, and Fourth Graders have the creative opportunity to participate in the annual *Invention Convention*!**

## **So you want to be an inventor...**

Please complete the attached “*Intent to Invent*” form. The form should be returned to your child’s classroom teacher **no later than Monday, March 1**. Changes in intended inventions should be turned in **no later than March 5** by submitting a new “*Intent to Invent* Form” to their classroom teacher.

## **So you want to be an Inventor...**

The Intent to Invent form is your ticket to receive your very own **Inventor’s Journal**! Keep a log of all the work that you do. Record your research and the steps taken in solving a selected problem.

## **So you want to be an Inventor...**

An invention is often the answer to a need or a problem. Think about a problem or need you or others may have. Simple inventions are often the best! Make the invention itself or create a model of the invention. We will have a space **limitation of 2 feet by 2.5 feet** in which to display inventions. Height is restricted only by the height of the cafeteria ceiling.

## **So you want to be an Inventor...**

Research your idea to be sure that it is original. This can be done by going to [www.bownet.org/BESGifted/inventors.htm](http://www.bownet.org/BESGifted/inventors.htm) and clicking on the U.S. Patent Office. You can then use keywords to search the Patent Office database.

## **So you want to be an Inventor...**

Bring your invention to the school cafeteria between 5:30 PM - 7:00 PM on Thursday, March 11. Anyone not able to deliver inventions on Thursday will need to bring them to school between 7:30 – 8:00 AM Friday March 12 for judging. All inventions must be picked up by 2:30 PM Monday March 15.

## **So you want to be an Inventor...**

Two inventors from each grade level, “Best in Grade” and “Most Marketable” will be selected to represent BES at the **New Hampshire Young Inventors’ Celebration at Merrimack Valley High School on Saturday, April 3**. Information about the Academy of Applied Sciences, which sponsors the NH Young Inventors’ Celebration, is available at [www.aas-world.org](http://www.aas-world.org)

**\*\*All are welcome to come and tour the inventions at your leisure throughout either day!\*\***

Historically, this has been quite an event here at BES with between 60-80 inventions created and shared in years past. Once again, I am thrilled to be a part of this extravaganza and look forward to celebrating your children’s creativity.

Happy Inventing,  
Sue Kurtz, REACH Coordinator, BE

(turn over for judging information)

# Judging Information

## General Categories

Judges select an invention from each grade level for the following awards:

1. Best in Grade\*
2. Most Marketable\*
3. Environmental
4. Special Needs
5. Fun and Leisure Time
6. Practical and Useful
7. Original and Unique

\* These winners will represent Bow at the State Competition on Saturday, April 3, at Merrimack Valley High School.

## General Judging Criteria

Inventions are judged on the following:

### Originality

Does the invention represent an original and creative thought?

Is the invention a novel or unique solution to an identified problem?

Does the overall presentation of the invention reflect creative or original work?

### Usefulness

Does the invention solve a problem or need?

Does the invention have marketable value?

### Written Description/Presentation

Does the content of the written description clearly express the purpose of the invention and how it accomplishes its purpose?

Is the written description complete and appropriate for the inventor's grade level (the Inventor's Journal)?

### Model/Illustration

Is the illustration complete, with all parts neatly labeled, and is a clear attractive, visual explanation of the invention (display board)?

Is the model an accurate replica of the idea?

### Research Performed

Was time and effort given to see if this invention had already been invented?

## State Convention

In addition to the categories listed above, the state level competition also includes the following Special Award categories. Please encourage your child to consider these areas when brainstorming a problem to solve. Savings Bonds will be awarded in Special Award categories ranging from \$50 to \$100.

- **ELECTRIC AWARD** – recognizing interest in and use of electrical phenomenon and technology
- **SOLAR AWARD** – given for the invention that, in new and practical ways, make it easier for people to conserve energy; showing new uses for renewable energy, using wind, sun, or dynamo-generated power.
- **MEDICAL AWARD** – an invention that solves a health-related problem
- **STEVE CANEY AWARD** – awarded by the inventor – Steve Caney
- **FIDELITY INVESTMENTS INNOVATION AND TECHNOLOGY AWARD** – presented to the student whose invention reflects fidelity's commitment to flexibility, innovation, and creative uses of technology. The award will recognize an invention that leverages technology to produce service enhancements, human efficiencies and cost savings.