

Invention Convention 2018!

Thursday, February 8 ~ School Wide Celebration

Judging - 8:00-10:00, Classroom and Community Tours - 10:00-2:00

(Inventions due in BES Cafeteria on Wednesday, February 7, 5:00-7:00)

Bow Elementary School has focused on creative problem solving all fall and we are excited to continue to “spark the inventive spirit of innovation” with our 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 Friday, February 2**. Changes in intended inventions should also be turned in **no later than Tuesday, February 6** by submitting a new “*Intent to Invent Form*” to Mrs. Kurtz.

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.uspto.gov/kids, or <http://patft.uspto.gov/>. 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 5:00 PM - 7:00 PM on Wednesday, February 7. Anyone not able to deliver inventions on Wednesday will need to bring them to school between 7:30 – 8:00 AM Thursday, February 8 for judging. All inventions must be picked up by 2:30 PM Thursday, February 8.

So you want to be an Inventor...

Two inventors with their inventions, (“Best in Grade”, “Most Marketable”) from each grade level, will be selected to represent BES at the **New Hampshire Young Inventors’ Celebration at Southern NH University on Sunday, March 25**. Information about the Academy of Applied Sciences, which sponsors the NH Young Inventors’ Celebration, is available at www.aas-world.org

***Parents:** For a successful school wide event, we are in need of **many parent volunteers to serve as “Tour Guides”** for the different classes as they come to see all the inventions in the “Invention Hall”. Be looking for a notice from classroom teachers to sign up.

Historically, this has been quite an event here at BES with 50 or so inventions created and shared in years past. I am excited to be a part of this extravaganza and look forward to celebrating your children’s creativity.

Happy Inventing!

Sue Kurtz, Invention Convention Coordinator

(turn over for judging information)

Judging Information

General Judging Criteria

Inventions are judged on the following criteria:

- **Originality** - Does the invention represents an original and creative thought with a unique solution to an identified problem?
- **Usefulness** - Does the invention have market value?
- **Written description or presentation** - Is the Inventor's Journal complete and appropriate for the grade level?
- **Model or illustration** - Is the display board neatly labeled and offer a clear, attractive, visual explanation of the invention?
- **Research Performed** - Was effort given to see if this invention had already been invented?

This year's challenge – "Inventions to the Rescue" Inventions will be judged similar to inventions (above), however, there will be emphasis placed on the theme of the challenge.

General Categories

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

1. Best in Grade*
2. Environmental
3. Special Needs
4. Fun and Leisure Time
5. Practical and Useful
6. Original and Unique
7. Most Marketable*
8. Challenge – Inventions to the Rescue

*The winners will represent Bow at the state competition on Sunday, March 25 at Southern NH University.

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.

- CARING FOR YOUR PET
- INNOVATION
- LIBRARY & INFORMATION SERVICES & LEARNING
- TECHNOLOGY
- OUT-OF-THE-BOX THINKG
- SERVICE
- ENGINEERING AND DESIGN
- ELECTRIC
- MEDICAL
- SUSTAINABILITY / ENVIRONMENTAL

Intent to Invent Form

This form is due no later than Thursday, February 1, 2018

Grade: _____

Date: _____

Student Inventor _____

Teacher _____

I intend to invent _____

Name of invention

The problem it will solve is: _____

_____ I have searched the searched the invention websites to make sure my idea has not already been invented.

I would like to have my invention entered in the following category
(Please check no more than two):

_____ Environmental

_____ Technology

_____ Special Needs

_____ Electric

_____ Fun and Leisure

_____ Medical

_____ Practical and Useful

_____ Sustainability/environmental

_____ Rescue (this year's challenge)

_____ Caring for Pets

_____ Library & Information Services

_____ Service

Parent Signature: _____

* Draw a sketch of your proposed invention on the back of this sheet. *

Completing this form does not mean that you will necessarily invent the product that you intend. Often our best inventions are accidents. Your finished product may look different than this sketch or it may solve a different problem than the one stated here. If the name of your invention and/or the category changes from what is stated on this form, please submit a description of your new invention to Mrs. Kurtz by Tuesday, February 6, 2018.