

Stevenson Elementary School

2019



SCIENCE FAIR

PACKET FOR INVENTORS!

AND Invention Convention

Pirates can choose to invent, research or experiment!

Click links below for information packets & forms!

Registration Forms / Intent to Invent Forms DUE Friday February 22nd!!!

Inventions & Science Fair Projects DUE Wednesday March 6th!

Equipped with his five senses, man explores the universe around him and calls the adventure Science. - Edwin Powell Hubble

Questions? Please email kierstenwalker@gmail.com

Important Dates

For Invention Convention Participants



Intent to Invent Forms due **Friday, February 22nd** in PTA basket in front office.



Inventions can be turned in **Wednesday, March 6th** to the library before school (8am—9am) or after school (1:30pm—3:30pm). The Patent Form must be attached to the back of your project!



Projects types that will be considered this year:



TRADITIONAL SCIENCE PROJECT

Earth Science, Life Science, Physical Science, etc.



INVENTION

new product or process



RESEARCH PROJECT ABOUT A SCIENTIST

research paper, power point, poster, video



Judging will take place **Thursday, March 7th & Friday, March 8th** during school. Inventors will be allowed 3-5 minutes to present their invention. Judges will have questions for each inventor.



1st, 2nd and 3rd place will be awarded per grade.



Ribbons will be posted **Tuesday, March 12th** for Open House.



Inventions will be on display in the library **Tuesday, March 12th** during Open House!



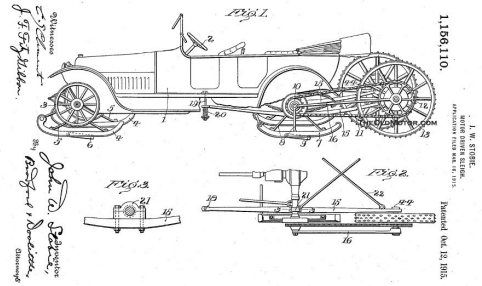
Take home your inventions **Tuesday, March 12th** after Open House or **Wednesday March 13th** after school.

Questions? Please email kierstenwalker@gmail.com

Steps for Student Inventors

“Failure is only an opportunity to start again more intelligently.”

Henry Ford, one of the inventors of the automobile.



Finding an Idea:

It can be said that necessity is the mother of invention. Your idea for an invention will come from something you or someone you know needs. There are several ways to find ideas for inventions. One way is to ask people if there is anything they need. Another method is brainstorming. You can find an object and then think of ways to make it better or different. You can also come up with an idea from scratch and brainstorm ways it would be useful to others. Keep in mind an invention does not have to be a product. It can be a new process for doing something. When you are ready to declare your invention fill out the **Intent to Invent** form and turn it into PTA Basket in the office (due by Friday, February 22nd).

Research and Planning:

When coming up with a plan you must ask yourself, “What can I read about that can help me plan?” or “Whom can I talk to for advice?” You should also think about what materials you will need and how much time you have to complete your “working” invention. Keep an “Inventor’s Journal” showing the process you followed. Feel free to bring your journal to the convention.

Developing and Testing:

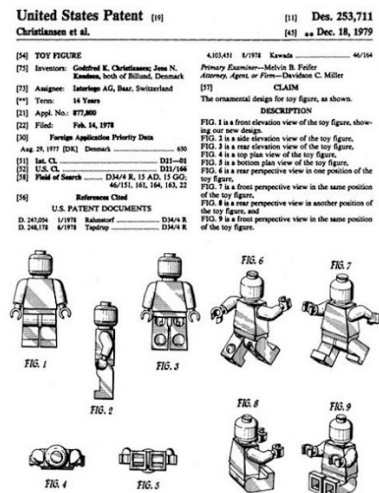
When you are finished with your invention and are ready for the convention, fill out the **Patent Application** and turn it in along with your invention (due by Wednesday, March 6th). Be sure to make plans for displaying your invention. Remember, an inventor has to sell people on his or her product, so an attractive display is recommended.

Inventions can be dropped off / set up for display:

Wednesday, March 6th before school from 8am—9am or
after school 1:30pm—3:30pm.

Judging will occur Thursday March 7th & Friday March 8th.

Each Inventor will have 5 minutes to talk about their
invention & answer questions.



Intent to Invent

(registration form)

TURN IN THIS FORM BY FRIDAY, FEBRUARY 22ND!

Inventor's Name: _____ Grade _____ Room # _____

Inventor's Name: _____ Grade _____ Room # _____

Inventor's Name: _____ Grade _____ Room # _____

Contact Adult: _____

Phone / email: _____

Project Name: _____

Idea for Invention: _____

Problem Solved: _____

Description: _____

How it will work: _____

Materials to be used: _____

Please attach a sketch of your invention to this sheet and
any additional information you could not fit on this form.

Patent Sheet

TURN IN THIS FORM WITH YOUR INVENTION ON WEDNESDAY, MARCH 6th.

Date _____

As the inventor(s) named below, I/we hereby declare that I/we truthfully believe that I/we are the original, first, and only inventor(s) of the invention entitled:

Please attach a sketch of your invention.

● Inventor(s) Name(s) Grade Level and Teacher

● Inventor's Name: _____ Grade: _____ Teacher: _____

● Inventor's Name: _____ Grade: _____ Teacher: _____

Inventor's Name: _____ Grade: _____ Teacher: _____

Declaration:

"I do not know and do not believe that the invention named above was ever known or used in the United States before I invented it."

"I do not know and do not believe that the invention was ever patented or described in any publication or other media before I invented it."

"I do not know or believe that the invention was in public use or on sale in the United States."

Name of Inventor: _____

Signature of Inventor: _____ Date: _____