

Stevenson Elementary School

2018

PACKET FOR  
SCIENCE FAIR  
PROJECTS &  
RESEARCH  
PAPERS



**INVENTION  
CONVENTION**

AND



Pirates can choose to invent, research or experiment!

*"Anyone who thinks the sky is the limit, has limited imagination." James Maxwell*

James Maxwell (13 June 1831 – 5 November 1879) was a Scottish scientist in the field of mathematical physics.

Questions? Please email [kierstenwalker@gmail.com](mailto:kierstenwalker@gmail.com)

# Important Dates

## For Science Fair Project & Research Project Submissions



All Registration Forms due by **Friday, March 2nd** in PTA basket in front office.



All projects and research due **Monday, March 26th** in the library before (8am—9am) or after school (1:30pm—3:30pm). The Entry Form must be attached to the back of your project!



Projects types that will be considered:



TRADITIONAL SCIENCE PROJECT

Earth Science, Life Science, Physical Science,



INVENTION

new product or process



RESEARCH PROJECT ABOUT A SCIENTIST

research paper, power point, poster, video



Judging will take place **Tuesday, March 27th** during school. Judges will briefly interview each student. Each student will be asked to explain the hypothesis, procedure and conclusion of their own project. Students submitting a research paper will be allowed 3-5 minutes to present their submission.



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



Winners will be announced **Friday, March 30th** at 3:15 in the library. All participants & their families are invited to enjoy this reception.



Projects will be on display in the library Thursday, March 29th before school 8am—9am or after school from 1:30pm—4pm for all pirates to check out!



Take home your projects **Friday, March 30th** after the science fair reception.

Questions? Please email [kierstenwalker@gmail.com](mailto:kierstenwalker@gmail.com)

# YOUR SCIENCE PROJECT MUST INCLUDE:

- TITLE—should be in the form of a question.
- BACKGROUND—information people need to know about your topic.
- RESOURCES—provide background info from books, internet, encyclopedias.
- HYPOTHESIS—an educated guess / possible answer to your question.
- PROCEDURE—list in sequential order what you did.
- MATERIALS—list all materials used in your experiment or demonstration.
- DATA—facts that can be shown on a table, chart, graph, photographs, etc.
- RESULTS—tell what happened. Test your hypothesis at least 3 times to make sure your results are valid.
- CONCLUSION—state what you learned or proved.
- DISPLAY—a tri-fold board is available at an office supply store or Dollar King. It is an easy way to display all the necessary info to make your project complete.

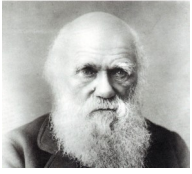
IF YOUR PROJECT DOES NOT HAVE ALL OF THE ABOVE REQUIREMENTS,  
YOU WILL NOT BE ELIGIBLE TO WIN FIRST, SECOND OR THIRD PLACE!

BACKGROUND	TITLE (OR RESEARCH QUESTION)	PROCEDURE
RESOURCES	PHOTOGRAPHS	
HYPOTHESIS	DATA	CONCLUSION
MATERIALS	RESULTS	APPLICATION

Sample display board! Be sure to include all important information . . . be creative!

# YOUR SCIENTIST RESEARCH PROJECT SHOULD INCLUDE:

## SCIENTIST INFORMATION:



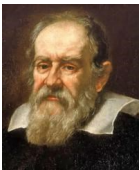
- ◆ First, middle and last name of scientist
- ◆ Years living (birth date and date of death)
- ◆ Place of Birth
- ◆ Field of Study (biology, astronomy, chemistry, physics, etc.)
- ◆ Interesting facts about the scientist

## GENERAL LIFE INFORMATION:



- ◆ Major facts about your scientist's life (childhood, upbringing)
- ◆ Your scientist's educational background
- ◆ Historical facts—major events in history that happened while your scientist lived

## WHAT YOUR SCIENTIST IS MOST FAMOUS FOR:



- ◆ Major contributions to help benefit the world—new ideas, discoveries, or new understanding of the natural world
- ◆ Year(s) your scientist's research occurred
- ◆ Country where it took place

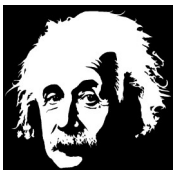
## AWARDS AND ACHIEVEMENTS



## CONCLUSION:

- ◆ Include reflections / connections to real life

## BIBLIOGRAPHY—list all resources in alphabetical order



- ◆ Author (last, first), "Title of article", Source: magazine, book, encyclopedia, date of publication, page number(s).
- ◆ Title of website, month/date/year retrieved, web address.

YOUR RESEARCH PROJECT ABOUT A SCIENTIST MAY BE PRESENTED IN ONE OF MANY FORMATS: RESEARCH PAPER, POWER POINT PRESENTATION, POSTER, VIDEO . . . BE CREATIVE!!!



# REGISTRATION FORM

TURN IN THIS FORM BY FRIDAY, MARCH 2ND!

Project Category: \_\_\_\_\_ Science Project \_\_\_\_\_ Invention \_\_\_\_\_ Research Project

Participant Name: \_\_\_\_\_ Grade \_\_\_\_\_ Room # \_\_\_\_\_

Participant Name: \_\_\_\_\_ Grade \_\_\_\_\_ Room # \_\_\_\_\_

Participant Name: \_\_\_\_\_ Grade \_\_\_\_\_ Room # \_\_\_\_\_

Contact Adult: \_\_\_\_\_

Phone / email: \_\_\_\_\_

Project Name: \_\_\_\_\_

Brief Project Description: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Will you need an electrical outlet for your project? \_\_\_\_\_

Will your project include any living things? What? \_\_\_\_\_

Will your project require a demonstration? \_\_\_\_\_

Be sure each participating student can answer questions about your project!

# ENTRY FORM

ATTACH THIS FORM TO THE BACK OF YOUR DISPLAY BOARD

Project Category: \_\_\_\_\_ Science Project \_\_\_\_\_ Invention \_\_\_\_\_ Research Project

Project Name: \_\_\_\_\_

Participant Name: \_\_\_\_\_ Grade \_\_\_\_\_ Room # \_\_\_\_\_

Participant Name: \_\_\_\_\_ Grade \_\_\_\_\_ Room # \_\_\_\_\_

Participant Name: \_\_\_\_\_ Grade \_\_\_\_\_ Room # \_\_\_\_\_