

2019 Marshdale Science Fair January 29, 2019

Division III entrants will participate in a brief oral interview with the judges.

Please refer to your teacher for further instructions and due dates.

Please note: Division III entrants may not do Research or Collections

Page 2: **Important Dates**-This contains all the important dates necessary for the Science Fair. You may want to enter these dates on your family calendar.

Page 3: **How to do a Science Fair Project** – Follow these steps to complete your SF project

Science Fair Rules – Use this sheet to check your project and display against the rules

Page 4: **Tips For Science Fair Projects**

Page 5: **2018 Mountain Area Science Fair Categories** – This will help you identify your project category on your Registration Form and give you some project ideas.

Page 7: **Registration Form** – This form needs to be turned in by **Friday, November 30th**.

Page 8: **Sample Registration Form** – This is an example of how to fill out the Registration Form

Page 9: **Science Fair Display Board and Labels**

Page 10: **Scientific Method** – This sheet explains the Scientific Method and how to use it to complete your project

Suggestions for Lab Notebooks – Use these ideas to create a great Lab Notebook

Page 11: **Making the Display** – This sheet gives ideas for a Science Fair Display Board

Page 12: **Student/Adult Involvement Form** – This form needs to be placed in your Lab Notebook.

Page 13: **Judging Form** – This will help you determine if you have covered everything required for your SF project and will let you know what the judges are looking for.

IMPORTANT DATES:

* **Friday, November 30th**

Science Fair Registration Form due in the office

***Friday December 21st**

This is the last day to report changes in your project category and/or title of your project. Please report any project changes to the science fair coordinator. If you make any changes after this date, you may not be eligible for science fair competition.

* **Monday, January 28 from 2:30 - 5pm**

Project drop-off in the Marshdale gym

* **Tuesday, January 29th**

Project judging and Interviews in the Marshdale gym **10:00am-3:00pm (Division III)** -

10:00am-3pm (Division I & II) Project viewing in the Marshdale gym for families **(4-7:00 pm)**

* **Wednesday January 30th**

Project viewing in the Marshdale gym - **9am-3:30pm**

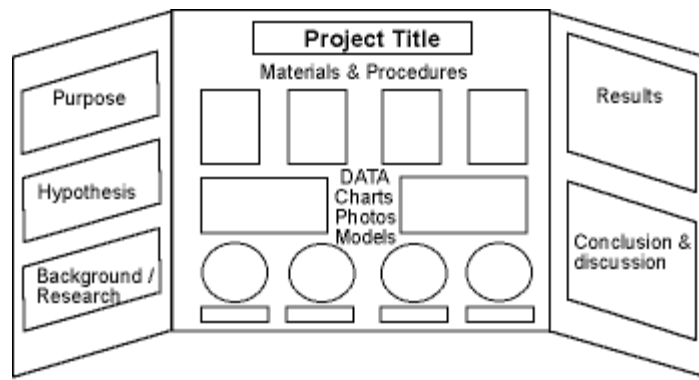
Project pick-up and take home. **3:35pm**

* **Saturday February 9 - Mountain Area Science Fair County Day School** - Winning projects

from Div III will need to be transported to Evergreen Country Day by Gingir Dickinson,

Marshdale Science Fair Coordinator, to compete in the Mountain Area Science Fair

SCIENCE FAIR DISPLAY BOARDS AND LABELS



MARSHDALE SCIENCE FAIR 2019

Registration Form – Division

III (Due Friday, November 30th)

All registration forms must be turned into your homeroom teachers by the date specified above. **PLEASE PRINT CLEARLY.**

NAME: _____ PHONE #: _____
(First and Last)

EMAIL: _____

GRADE: _____ TEACHER'S NAME: _____

My project will be in the following category (check one):

- | | |
|---|---|
| <input type="checkbox"/> Aerodynamics/Fluid Mechanics | <input type="checkbox"/> Material Science |
| <input type="checkbox"/> Botany | <input type="checkbox"/> Microbiology |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Physics |
| <input type="checkbox"/> Earth & Environmental Science | <input type="checkbox"/> Structures |
| <input type="checkbox"/> Electricity, Electronics & Magnetism | <input type="checkbox"/> Zoology |
| <input type="checkbox"/> Human Body, Health & Behavior | <input type="checkbox"/> Scientific Collections (K-1 Division 1 only) |
| | <input type="checkbox"/> Research Project (K-1 Division I only) |

Before completing this section, see **Scientific Method page in the Instruction Packet**

Question: The question I will try to answer is: _____

Procedure: Briefly describe your project _____

Materials: (Not necessary for the Research and Collections Categories)

What is your....

Control Sample (a sample the scientist does not change)

Independent Variable (the change a scientist makes to a sample to determine its effect)

Dependent Variable (The change caused by the independent variable – this is measured and recorded):

Be sure you have read all the information in this Science Fair Packet. You may not enter if your display does not conform to the RULES outlined in this packet.

MARSHDALE SCIENCE FAIR 2019

Registration Form – Division III

(Due Friday, Friday November, 30th)

All registration forms must be turned into your homeroom teachers by the date specified above. **PLEASE PRINT CLEARLY.**

NAME: Marshdale Student PHONE #: 303-000-0000
(First and Last)

EMAIL: marshdalerocks@bestschoolever

GRADE: 1 TEACHER'S NAME: Mr. Best

My project will be in the following category (check one):

- | | |
|---|---|
| <input type="checkbox"/> Aerodynamics/Fluid Mechanics | <input type="checkbox"/> Material Science |
| <input type="checkbox"/> Botany | <input type="checkbox"/> Microbiology |
| <input type="checkbox"/> Chemistry | <input type="checkbox"/> Physics |
| <input type="checkbox"/> Earth & Environmental Science | <input type="checkbox"/> Structures |
| <input type="checkbox"/> Electricity, Electronics & Magnetism | <input type="checkbox"/> Zoology |
| <input type="checkbox"/> Human Body, Health & Behavior | <input type="checkbox"/> Scientific Collections (K-1 Division 1 only) |
| | <input type="checkbox"/> Research Project (K-1 Division I only) |

Before completing this section, see **Scientific Method page in the Instruction Packet**

Question: The question I will try to answer is:

How does stretching a rubber band on my catapult affect the distance that the ball will go?

Procedure: Briefly describe your project:

I will fire the ball from the first hole and record the distance. I will keep firing it from different holes (stretching the rubber band more each time.)

Materials: (Not necessary for the Research and Collections Categories)

What is your....

Control Sample: *I will use the same catapult, ball & keep the same angle.*

(a sample the scientist does not change)

Independent Variable: *I changed how much I stretched the rubber band.*

(the change a scientist makes to a sample to determine its effect)

Dependent Variable: *The distance that my ball went changed.*

(The change caused by the independent variable – this is measured and recorded)

Be sure you have read **all** the information in this Science Fair Packet. You may not enter if your display does not conform to the RULES outlined in this packet.