



# Fairhope Intermediate School

## ~ 2019 Science Fair ~



6<sup>th</sup> grade = May 7<sup>th</sup>, 5<sup>th</sup> grade = April 26<sup>th</sup>, and 4<sup>th</sup> grade = May 1<sup>st</sup>

Calling all future scientists / engineers / inventors! Here is your chance to shine at the 2019 Fairhope Intermediate School Science Fair!

**To enter:** Return the FIS Science Fair Entry Form by **Friday, April 5, 2019.**

**Project categories:** (6<sup>th</sup> grade may only do Experiment or Engineering Project)

- **Experiment:**
  - Use the Scientific Method to find the answer to a question.
  - Question – Research – Hypothesis – Experiment - Analyze – Conclude
  - Example: *Do Plants Grow Faster Under Artificial Light or Natural Sunlight?*
- **Engineering Project:**
  - Use the Engineering Design Process to solve a real-life problem with an invention.
  - Ask – Imagine – Plan – Create – Improve
  - Example: *Automatic Treat Dispenser for Cats*
- **Model:**
  - Create a model of a scientific property, process or system, and show what you know!
  - Idea - Research – Create – Display
  - Examples: *Parts of a Volcano* or *Model of the Solar System*
- **Collection:**
  - Make a collection of natural objects, classify and identify them.
  - Examples: *Pressed wildflowers identified to species; Rock collection classified.*

### Requirements:

- Projects should reflect a student's interest and knowledge.
- Student will be required to discuss project with judges.
- As per Board of Education policy, no weapons, dangerous substances, or harming / killing of animals will be allowed. No endangered species in collections.
- Projects will be brought to school in morning of fair, and taken home at the end of school day.
- All Experiments / Demonstrations must be conducted at home, NOT at the Science Fair.
- All presentations (experiments / engineering / models) will require a tri-fold board.
- Videos on Chromebook / physical models may be brought in to augment display.
- Entries must be home-made. No kits.
- Teachers may have additional requirements / requests.

### Helpful Websites:

- <http://school.discoveryeducation.com/sciencefaircentral/> (step-by-step instructions for projects)
- <http://www.sciencebuddies.org> (includes a questionnaire to narrow interests)
- <http://www.education.com/science-fair>

Certain resources (microscopes, electronic scales, glassware, etc) may be borrowed or used within Science Lab if arrangements are made in advance. Please contact your science teacher if interested.

[ntuttle@bcbe.org](mailto:ntuttle@bcbe.org)



**Fairhope Intermediate School  
2019 Science Fair  
Entry Form**



April 26 (5<sup>th</sup>), May 1 (4<sup>th</sup>), May 7 (6<sup>th</sup>), 2019  
Return this FIS Science Fair Entry Form to your teacher  
by Friday, **April 5, 2019**.

Name (*Printed*): \_\_\_\_\_

Grade: \_\_\_\_\_ Teacher's Name: \_\_\_\_\_

Parent / Guardian's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent's E-mail: \_\_\_\_\_

(See your science teacher for rules on each project category)

THE NAME OF THE ORIGINAL SCIENCE EXPERIMENT, ENGINEERING PROJECT, MODEL or COLLECTION:

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My Project will be (*Circle one*): (6th grade – experiment or Engineering Project only)

Experiment

Engineering Project

Model

Collection