**SCIENCE FAIR INFORMATION**

**(Extra Credit Only)**

**Information and online forms can be accessed at my website and also:**

[**http://www.sefhouston.org/students-parents-teachers**](http://www.sefhouston.org/students-parents-teachers)

It is HIGHLY encouraged you download these forms and type in the information on your computer.

If this is not possible, you need to print out the forms, and complete legibly **IN INK!**

**Upcoming Dates:**

**Deadline** for submitting **initial paperwork (first 4 forms listed and any special approval forms).**

**Lanier Science Fair – January 13th – 15th**

**Official Paperwork due Friday, Nov. 16th**

**Projects due Jan. 10 th(P) & Jan. 11 th(R)**

**Definitions and Guided Help:**

**Initial Paperwork: Everyone must complete these forms and submit to YOUR science teacher.**

**If working in a group, EACH member must fill out a packet of paperwork, then have the group turn them in to their science teacher at the SAME time:**

**1. Checklist for Adult Sponsor/Safety Assessment Form (1)**

The parent is usually the “Adult Sponsor”, HOWEVER, please note that if in a group, EVERY student needs to fill out the paperwork and the **ADULT SPONSOR** has to be **the same name/signature on ALL the group’s forms**!!! Meaning, if one parent is supervising the project, **all members in the group must write that parent’s name and have him/her sign ALL sets of paperwork.**

**2. Research Plan (1A)**

**3**. **Research Plan Attachment (DO NOT** write the procedure on that sheet, type and attach your research plan to it instead) For help with citing bibliography sources, go to http://www.easybib.com to properly write info in your bibliography.

**4. Approval Form (1B), Part 1 ONLY.**

**5. \*\*YOU ARE PROHIBITED FROM DOING ANY PROJECTS THAT REQUIRE SPECIAL APPROVAL FORMS.**

• **Projects involving live vertebrate animals**

• **Projects involving hazardous chemicals, activities, or devices**

• **Projects involving microorganisms, fresh tissues and/or bodily fluids**

**Group/Individual Work:** You may work alone, or in a group of NO MORE than two. All groups must be from the same cluster to aid the science teacher monitoring the students’ progress.

**Category Choices:**

• Botony/Environmental Science

• Zoology/Behavioral Science

• Biochemistry/Medicine and Health

• Engineering/Computers/Mathematics

• Physical Science (Physics and Chemistry)

• Earth/Space Science

**\*\*Certain projects which involve human studies may be approved. See your science teacher for details.**

**More Info:**

1. The **size** of the exhibit must not occupy a space in excess of **122 cm wide by 76 cm deep by 274 cm high if floor mounted**. If the project is to be **displayed on a tabletop, then the maximum height for the display itself is approximately 198 cm (6ft., 6in)**. If the display requires electricity for demonstration purposes, the entrant must furnish a good quality, 9-foot, properly grounded electrical cord.

2. The scientific and technical community throughout the world uses the International System of Units (SI – **Metric**). Because of this, students are **strongly encouraged** to use this system of units for projects entered in the fair.

3. **Projects involving human subjects, INCLUDING surveys**, must be approved by the school Review Board prior to submission to the Scientific Review Committee. PLEASE discuss possible project ideas with me FIRST so that we can avoid running into special approval problems. 􀀝If doing a survey, you MUST turn in the questions you plan on asking along with your paperwork (Friday, November 11th)!

4. Only winning projects from a school competition may be entered in Science & Engineering Fair of Houston (March 1-3, 2011).

**What you need to do now:**

1. Choose a topic to research. Make sure you are testing only ONE thing…I will be happy to help guide you, but come to me with ideas. I do not want to do the topic choosing for you.

2. Turn in ALL four forms (initial paperwork) by **Monday, November 15th!!!!!!!!!!**

3. Keep a log (in a new composition notebook) of everything you do while working on the project….date each entry and write what you have done for that day…this can include a summary of what you did, data tables of data collected, etc. **YOU MUST FOLLOW THE LOG BOOK GUIDELINES PROVIDED!!! SEE ATTACHED SHEET.**

**\*Do NOT put your name anywhere on this notebook! You may want to put a post it note with your name on it and attach it just in case it is misplaced.**

4. You must have a backboard that displays your work.

**This backboard must include**:

• An abstract (overview of what the project was about and what you discovered)

• Provide an interesting background on your topic that discusses the topic, why it’s interesting, perhaps a bit of history on the subject, and why it led you to experimentation

• Hypothesis

• Materials

• Detailed procedure

• Data/Graph/Results

• Conclusion (which MUST have a tie to society, meaning how is your research relevent toyou, the community, or society as a whole)

**\*\*Make sure to take pictures of your project while you’re working on it. Pictures are a great way to show the readers/judges what you did and how you did it. But you must blank out any faces**