

HSE-Houston 2009-10 SCIENCE FAIR PROJECT SCHEDULE* 6th-11th Grade

	Steps & Assignments*	DATES	Explanation
1	Students will receive Science Fair Booklet , and Parental Notification Form.	9-Sep	Science Fair Booklet is to be kept in students Science Binder as a reference. Please do not take pages out. Pages that need to be turned in will be given separately.
2	Parental Notification Form and Calendar will be sent with Monday Mail.	9-Sep	Form must be signed by parent and returned to SCIENCE Teacher by the due date.
3	Deadline: Turn in the Parental Notification Form	16-Sep	Form must be signed by parent and returned to SCIENCE Teacher.
4	Topic Selection Process.	16-30-Sep	If student have difficulties in finding a project, they can log in to Topic Selection Wizard at www.sciencebuddies.org to help them narrow down an area of interest for their project.
5	Informative Science Fair Meeting for Parents	16,17, 18, 23 Sep	Parents are highly encouraged to participate. 4th & 5th Grade: September 16th, Wednesday 5:30-6:30 PM 6th Grade: September 17th, Thursday 5:30-6:30 PM 7th Grade: September 18th, Friday 5:30-6:30PM 9th-11th Grade: September 23rd, Wednesday 5:30-6:30PM
6	Deadline: Students will turn in the Science Project Proposal Form	30-Sep	Part 1: Explains the question statement, filled by student, signed by parent and student. It must include a brief Description of the project, hypothesis, independent variables & dependent variables, materials and procedure. Part 2: (Students will email this part to his/her teacher) Variables & Hypothesis: An explanation of which factors will be changed while conducting the experiment and a hypothesis on the resulting impact of the change. Materials & Experimental Procedure: A detailed list of the materials that will be used to conduct the experiment and the detailed steps that will be followed while conduct the experiment.
7	Students will work on: Bibliography Worksheet (Homework): 2 Books and 3 Journals/Articles	1-6 October	Students will go to the library and do background research on the selected topics. Students will go to.
8	Deadline: Research Plan	7-Oct	Research Plan: The Research Plan is a roadmap of the research questions that need to be answered. The Bibliography is a list of the sources that will be used to answer the research questions. Source Requirement: at least 2 Books and 3 Journals. IMPORTANT: Students cannot start the experimentation unless they get approval from their teacher. To do so, they have to submit their Research Plan and Safety Forms. But they do not need to wait until deadlines. If your plan and forms are ready, submit them to your science teacher and upon approval, you can start your experimentation right away.
9	Students will work on: - Data Tables (with units, # of trials and average columns AND predicted data) - Types of Graphs (with appropriate type, labels, units AND predicted data)		Students will work on their data tables, and graphs. Students are required to do at least the first trial of the experiment. They may also use hypothetical data, if the experiment is complicated and requires extra time.
10	Deadline: Students will turn in Power Point Presentation of their Project Proposal including: -Question -Hypothesis -Variables -Experimental Procedure and Number of Trials Data Table (with predicted data) -Graphs (with appropriate type, labels, units AND predicted data)	28-Oct	Students will present their Project Proposals in class, and will get feedback from their teacher and classmates. After which, each student will receive a copy of Project Improvement Form showing areas of improvement. Students are required to improve their project accordingly.
11	Science Experiment & Research Paper	5 weeks	Students will have 5 weeks to complete the experiment & Research Paper. Students will receive extra credit if they submit the Research Paper by November 23rd.
12	Deadline for Research Paper (Extra Credit for Early Submission)	2-Dec	Research Paper is due. It must include: Title Page, Table of Contents, Abstract, Acknowledgements, Introduction, Purpose, Problem, Hypothesis, Variables, Materials, Procedure, Pictures, Data Table, Graphs, Analysis, Conclusion, Application & Further Research and Bibliography.
13	Deadline: Display Board	13-Jan	
14	Classwide Science Fair	13-20 Jan	
15	Schoolwide Science Fair	30-Jan	

* Subject to change. Changes will be sent with Wednesday mail and posted to the web.

A computer room will be available every Friday between 3:00-4:00PM for students who want to make research on the web and use computer software to complete their assignments.

!!! Students, if you need any help, please see your Science Teacher long time before deadlines.

!!!No team projects are allowed unless students get written permission from Science Fair Coordinator.