

Science Fair Timeline and Checklist 2019-20

WEEK	ACTION	✓	Due Date
1 8/16-8/26	Identify Potential Topics: Use the internet, books, and other resources. Keep bibliographic notes on all sources. Be sure to select a topic that will keep your interest over the whole course of the project!		MON 8/26
	TOPIC PROPOSAL DUE: Complete the Topic Proposal Worksheet and turn it in. Mr. Hanna will review your ideas, help you decide on a final topic, and discuss with you the direction of your project.		
2-3 8/26-9/6	Refine your topic into a good, testable question that effectively communicates the intent of your research. Effective research questions often reference both the independent and the dependent variables (ex: "How does X affect Y?").		FRI 9/6
	RESEARCH QUESTION DUE: Complete the Research Question Worksheet and turn it in to Mr. Hanna.		
4-5 9/6-9/20	With your topic in mind, focus on the purpose of your experiment and find sources that will provide you with background information on your topic. Keep bibliographic notes on all sources. You will need a bibliography!		FRI 9/20
	RESEARCH PLAN DUE: Refer to the assignment description and Research Plan Template on Mr. Hanna's website. This is one of the most important parts of your project and will be required paperwork if you move on to the regional fair!		
6-8 9/20-10/11	Carry out your investigation. Collect data, record observations, and begin analyzing your results.		FRI 10/11
	<i>Project Data Book: Use a composition book, spiral notebook, or even a folder with lined paper in it as your data book. The data book is a place for you to jot down ideas, record data, make tables and diagrams, keep a record of how things are going, list challenges you have, list new questions that come up, etc. You can have your data book with you at the fair to reference during judging.</i>		
	Take photos to document your progress. Cite the photographer, date taken, and subject for all photos used.		
	PROJECT UPDATE DUE: Submit a typed paragraph updating Mr. Hanna on your progress, including what you have/haven't completed, any issues you are currently having, and your plan to finish the project on time.		
9-12 10/11-11/8	Conclude your investigation. Complete your data analysis and discuss how the results affect your hypothesis and predictions.		FRI 11/8
	Write the components of your project, including the title, research question, hypothesis, materials & procedures, results, discussion, and conclusion.		
	PROJECT DRAFT DUE: submit a typed copy of the components of your project, including the project title, final research question, hypothesis, materials & procedures, results (including data), discussion, and conclusion.		
13 11/8-11/18	Compose final project. If you are working on a research paper, the paper should be typed and checked for spelling/grammatical errors and correct formatting (see rubric on Mr. Hanna's website). If you are working on a project board, the board should be completed according to the specifications found on Mr. Hanna's website (see rubric on Mr. Hanna's website). Do NOT put anything on your display board other than paper with words on it (ex: you cannot glue artifacts to your board or have metal/plastic/wood of any kind).		MON 11/18
	FINAL SCIENCE FAIR PROJECT DUE: Research Papers will be typed and submitted to Mr. Hanna during your science class on this date. Project boards can be dropped off in the morning (back door of 520).		
	MR. HANNA'S CLASSROOM SCIENCE FAIR JUDGING: Projects will be reviewed independently by Mr. Hanna. Mr. Hanna will select projects that will move on to the SCMS Science Fair. Grades will be posted as Mr. Hanna has time to review each project.		

For students who are selected to move on to the SCMS Science Fair:

14-15 11/18-12/4	Prepare for judging. Make revisions to your project board and oral presentation. Anticipate questions that judges may ask about your investigation and come up with answers to those questions.		
	SCHOOL FAIR SET UP: Bring your display board, project data book, and any reports you might have to set up in the media center. Everything that is in your project draft (11/9) should be edited, enlarged, and glued or taped to your project board (no staples allowed). Do NOT bring display items to put on the table in front of your display board. They will not be allowed at the regional fair.		WED 12/4
	SCMS SCIENCE FAIR: Report to the media center at the assigned time. (You will be given a time during your set-up the day before.) You will spend about an hour in the media center discussing your project with the science fair judges.		THU 12/5
	SCIENCE FAIR AWARDS CEREMONY: Students will receive awards/honors in the SCMS Gym. Projects selected for the regional fair will be announced.		FRI 12/6

For students who are selected to move on to the Regional Science Fair

16-24 12/6-2/14	Meet with Mr. Rodriguez to complete all necessary paperwork for the regional fair.		
	Revise Project & Presentation: Use the feedback from your judges to make revisions to your project and presentation.		FRI 2/14