

5th Grade Science and Engineering Fair Student Planner

	Due Date	Parent Initial
Set up your Log Book . <ul style="list-style-type: none"> ● Every entry is dated and includes <ul style="list-style-type: none"> ○ Science/Engineering: data, journal, observations ○ Mathematics and Computer Science: code strings, reflections 	Checkpoint 1: 11/10/23 Checkpoint 2: 11/30/23 Checkpoint 3: 12/15/23	
Select your Question or Problem . <ul style="list-style-type: none"> ● Project is approved. <ul style="list-style-type: none"> ○ <i>Project Approval Form Returned to teacher</i> 	11/10/23	
Complete additional Forms . <ul style="list-style-type: none"> ● <i>Risk Assessment and Designated Supervisor Form</i> ● <i>Ethics Agreement (Put in log book.)</i> ● Get signatures on all other forms required for your project. 	11/10/23	
Refer to the SEF Student Handbook and SEF Student Checklist as you work your way through the project.		
Begin your Research . <ul style="list-style-type: none"> ● Research your project and take notes in your log book. ● Collect bibliographic information about each source. 	11/24/23	
Develop your Hypothesis/Initial Prototype/Project Goal .	11/24/23	
Write your Procedure . <ul style="list-style-type: none"> ● Address safety concerns identified in Risk Assessment. ● Write complete and concise steps. ● Include repeated trials or cycles. ● Include disposal methods, if needed. 	11/30/23	
Identify your Materials . <ul style="list-style-type: none"> ● Be specific and include the amount needed. ● For coding, include the coding language and/or program you use. 	11/30/23	
Complete your Testing . <ul style="list-style-type: none"> ● Keep making dated entries in your log book: <ul style="list-style-type: none"> ○ observations, reflections, and data ○ sketches, diagrams, charts, photos, etc. ● Analyze your data and create graphs or charts. 	12/08/23	
Finalize your Project . <ul style="list-style-type: none"> ● Use your analysis and log book entries to write results, draw conclusions, and make a final reflection. ● Write your bibliography. 	12/15/23	
Create your Display . <ul style="list-style-type: none"> ● Make sure your backboard meets requirements. ● Attach all required components. 	Over Winter Break	
Classroom Presentation . <ul style="list-style-type: none"> ● Practice your interview using sample questions and judging criteria for your division. 	1/08/24-1/15/24	