

Copper Hills Science Fair – Research Binder & Project Board Checklist/Timeline

<p>Description: The main idea behind this project is to learn how to conduct an experiment using the Scientific Method. Students will complete both a <u>Research Binder</u> and a <u>3 Sided Board Project</u>.</p> <ul style="list-style-type: none"> • Students will create a tabbed research binder containing sections listed below • The “Research Binder” is required and will have progress carefully recorded throughout the entire project • Your Research Binder must be on display with your exhibit 			
Directions: Here is a breakdown of items due		Due by:	Parent Initials
<ul style="list-style-type: none"> • Scientific Problem explored • Scientific Question and 1 inch Binder with dividers approved by Mrs. Bairstow • What is being studied is explained in 1-3 typed paragraphs • Begin Background Research 		November 6th (6th grade only--restricted projects due by 10/29)	
Binder Section 1	<p>Background Research Section</p> <ul style="list-style-type: none"> • Complete a Literature Review of the Topic (Summary) • <i>begin Scientific Logbook(section 4)</i> 	December 4th	
Binder Section 2	<p>Hypothesis Statement & Explanation Section</p> <ul style="list-style-type: none"> • List of Materials Page • Procedure Page 	December 18th	
Binder Section 3	<p>Recorded Data Section</p> <ul style="list-style-type: none"> • Data collection & record data in tables • Take pictures 	January 8th	
Binder Section 4	<p>Scientific Journal Section</p> <ul style="list-style-type: none"> • Organized Journal showing dated entries throughout the project (typed or handwritten). Can also be done in a composition book. • Interpret Data Page • Conclusion Page • Further Research Page 	January 29th	
Binder Section 5	<p>Annotated Bibliography Section (use www.easybib.com to help)</p> <ul style="list-style-type: none"> • 4th graders – 4 sources • 5th graders – 5 sources • 6th graders – 10 sources 	February 26th	
Binder Section 6	<ul style="list-style-type: none"> • All Science Fair Handouts (from meetings) • This page (Checklist/Timeline) • Approved Scientific Question signed by Parent & Mrs. Bairstow 	Collect as you go	

Bring Board and Binder to Copper Hills – Monday March 7th (*tentative date*)
 Central California Science, Math, and Engineering Fair—March 14th-17th (6th grade only) ; Open House- Board and Binder on display in your classroom