

Science Fair Timeline 2018-2019

Steps for Science Fair Project	Timeline	Log Checklist
Brainstorm Topics	Week of November 5th	<input type="checkbox"/> I am interested or excited about this topic. <input type="checkbox"/> I have chosen to work by myself or with a small group (3 max). <input type="checkbox"/> I can do most of this project on my own or with my group. <input type="checkbox"/> I have started writing in my log with dated entries.
Create a Testable Question, Purpose, and Hypothesis	Week of November 13th	<input type="checkbox"/> My question cannot be answered yes or no. <input type="checkbox"/> My question tells me what I need to measure. <input type="checkbox"/> I can investigate this question myself. <input type="checkbox"/> My question is not based on opinions. <input type="checkbox"/> My question does not involve experimenting with animals. <input type="checkbox"/> My hypothesis is based on research.
List Manipulated (Independent), Responding (Dependent), and Constant (Control) Variables	Week of November 19th	<input type="checkbox"/> I know what I am changing on purpose. <input type="checkbox"/> I am only changing one variable in my experiment. <input type="checkbox"/> I know what I am measuring and the science tool I will use to measure it. <input type="checkbox"/> I know what I am keeping the same.
List Materials and Step-by-Step Directions (Procedures)	Week of November 26th	<input type="checkbox"/> I have collected and listed all materials. <input type="checkbox"/> I have included how much and which types of materials. <input type="checkbox"/> My step-by-step directions are numbered and specific. <input type="checkbox"/> My step-by-step directions show repeated trials.
Begin Experiment and Collect Data (Taking pictures along the way are great for your board!)	Week of December 3 rd - January 2nd	<input type="checkbox"/> I have created a data table or chart. <input type="checkbox"/> I have collected data from multiple trials.
Create graphs	Week of January 2nd	<input type="checkbox"/> I have created a bar graph with labels to display my data.
Write your conclusion	Week of January 7th	<input type="checkbox"/> I have explained why my hypothesis was supported or not supported. <input type="checkbox"/> I have explained patterns or trends in my data. <input type="checkbox"/> I have explained any challenges or unusual events. <input type="checkbox"/> I have explained how my project is important to the real world. <input type="checkbox"/> I have explained how I might do this project differently next time.
Work on your display board/model	Week of January 14th	<input type="checkbox"/> My display board is neat and organized. <input type="checkbox"/> My display board contains all important labels and information. <input type="checkbox"/> My display board has my first/last name and class.
Display boards and logs due	Due: January 25th	<input type="checkbox"/> I have turned in my display board and log with my first/last name and class on both.
Optional Models due	Due: January 29th	<input type="checkbox"/> I have brought my optional model to Camp Friendship and all parts are labeled inside of my bag with my first/last name and class.