

	A	B	C	D	E
1				Name _____ Due Date _____	
2				Elementary STEM Fair Research Plan and Investigation Timeline	
3	Due Date	Points Earned	Points Possible	Expectation Component	Plan & Forms Page Number
4	2/2/16			Ask A Question or Define a Problem - <i>Beginning to think about a question or problem</i>	pg 5
5	2/2/16			Complete " Research Plan "	pg 4
6	2/2/16			Set-up project log to record your questions, information from research, procedure, materials, observations, and data. (Blank Notebook or blank notebook pages to school on this day)	Notebook
7	2/9/16			Gather Background Research about your invention idea using a variety of sources such as: computer search, books, encyclopedias, magazines, as well as information from professionals like doctors, nurses, engineers, researchers, teachers, veterinarians, librarians, and other sources as needed.	pg 6
8	2/9/16			Identifying the Question or Problem that will guide your experiment or investigation: Identifying Variables and Imagining Solutions	pg 6 & 7
9	2/17/16			Making Predictions and Constructing a Hypothesis or Specifying Requirements	pg 8
10	2/17/16			Setting up the Procedure : Materials, Directions and Conditions	pg 9
11	3/1/16			Setting up the Experiment or Investigation	pg 10
12	2/26/16			Testing the Experiment or Developing a Prototype : being sure to follow safety rules. Keep careful, written records every day you are working on your experiment. Use a data table to collect your results.	pg 11

	A	B	C	D	E
13	2/26/16			Graphing Results	pg 12 & 13
14	3/1/16			Drawing Conclusions and Communicating Results	pg 14
15	3/1/16			Abstract: Summarize the entire investigation. Remember to include things such as the questions you were trying to answer or problem you were trying to solve, hypothesis, procedure, data/results, and conclusions based on evidence collected.	pg 15
16	3/7/16			Construct a display board using charts, graphs, photos, illustrations, signs, models, and/or demonstrations of your experimnt.	All
17	3/11/16			My spelling was edited and corrected.	All
18	3/11/16			My project is neatly printed in pen or neatly typed.	All
19	3/11/16			My completed project, including all paperwork and display board*, was turned in to my teacher on time.	
20					
21				*Either a powerpoint, keynote, or any elctronic presentation slide show can be submitted instead of a backboard. Backboards are only required for students who are wanting to proceed to the School and District STEM Fair. The same items that are required on the backboard are to be included on the presentation slide show.	
22					
23				On March 14, the top 3 projects from each class will be announced and proceed to the School STEM Fair on Wednesday, March 16.	
24				On March 16, the top 2 projects of each grade level will be announced and proceed to the District STEM Fair on Saturday, April 23.	