

ENG DES- This is a suggested layout. Your board should flow in the same fashion but may be modified to fit your project. Boards are due _____

Problem / Need Describe the problem or need for your solution design here. Background Research Place a summary or bullets of information from resources here. Criteria & Constraints Explain what your prototype will do (Criteria) and what variables you will test to determine if it meets your criteria. Explain limitations you expect (Constraints) Materials Place a detailed list of materials used during your investigation here. Use bullets and specify amounts and/or types.	Project Title (PUT NAMES & CLASS ON BACK ONLY!) <i>The use of photographs is encouraged. Photographs used should NOT include direct face shots. Photos of students conducting their investigations and of materials or contraptions are appropriate. Photos of test subjects should be back, top, or side views only. Photos should be placed on the board in a logical manner and should include captions explaining their purpose.</i> Design Execution Place a detailed, step by step list of the process you followed to construct, set up and test during your investigation here. Include diagrams / photographs as appropriate. Add flaps if more room is needed. Identify the IV, DV, and CV's for testing. Prototypes Show / describe each prototype here. Use labeled diagrams and/or photos with captions. Add comments or evaluation of successes and failures. Use flaps if more room is needed. Results Data Table(s) Graph(s) Place all data collected here. Use extra flaps if needed. Data collected can be in the form of tables, written observations, calendars, photos, drawings or timelines. All data should be labeled appropriately with units of measure and/or detailed Place all graphs/charts here. Be sure that they are labeled appropriately on each axis and have a descriptive title. Make sure units of measure are noted on each axis and you include a brief statement of what each graph shows. "This graph shows..."	Results Place a summary of your data/results here. Include specific data points that you think are significant. Discuss any trends you noticed in your data. DO NOT explain <i>why</i> you think it happened that way, ONLY <i>what</i> you noticed. Conclusion/Abstract Place your conclusion/abstract here. Include a brief overview or summary of your engineering design investigation, an analysis of your results (the <i>why</i>), problems you encountered, extensions you could try, and real world applications. Add flaps, if needed. Resources Use www.easybib.com (MLA) & acknowledge those who assisted by first name only.
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36 inches

48 inches