

# Required Components

## Paper Work

- Creation of word problem including: verbal model, defining the variable, algebraic model
  - Solutions written neatly and easy to follow
  - All work for solutions shown
  - Explanation of method chosen to solve systems
  - Graph of each system (3 total, 1 per page)
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## Website

- Page 1
  - Welcome client to page
  - History of the hybrid car (At least 7 history facts)
  - Explain the process you used to find them the best car
  - Include the resources (other websites) you used in your research
- Page 2 – Car #1
  - Compare data on traditional and hybrid car
  - Graph and solution of system
  - Explain which car is better for each range of mileages
  - Explain what the solution means for your client
- Page 3 – Car #2
  - Compare data on traditional and hybrid car
  - Graph and solution of system
  - Explain which car is better for each range of mileages
  - Explain what the solution means for your client
- Page 4 – Car #3
  - Compare data on traditional and hybrid car
  - Graph and solution of system
  - Explain which car is better for each range of mileages
  - Explain what the solution means for your client
- Page 5 – Your suggestion
  - Summary of car research
  - Car selected for your client
  - Rationale for selection (miles driven per week, work needs, family needs, demographics, etc.)
- Page 6 – Works Cited
  - Listed alphabetically
  - Websites used for car information
  - Graphics used
  - History facts used

**\*\*Be sure to also check the rubrics for more details about points earned for each requirement.\*\***