Name: __________________________ Partner(s): ________________________________

The problem we are going to design a solution for is ______________________________

____________________________________________________________________________

We chose this as our problem because ____________________________________________________________________________

____________________________________________________________________________

____________________________________________________________________________

Our plan: __________________________________________________________________________________________

____________________________________________________________________________

____________________________________________________________________________

____________________________________________________________________________

____________________________________________________________________________

Sketch of our Design

Materials we anticipate needing (Include how much of each material you think you will need):
Name: ___________________________  Partner(s): ___________________________

The problem we designed a solution for was ___________________________

We chose this as our problem because ___________________________

Problems we encountered or changes we had to make (how did your actual prototype differ from your original design?): ___________________________

Explain to the character(s) – step by step instructions – how to make your prototype.

____________________________________________________________________

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____________________________________________________________________
Include a final list of materials.

________________________________________________________________________

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How would having this invention change the book?

________________________________________________________________________

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Draw a picture of the character(s) using your invention in a specific scene from the book.