ENGINEERING DESIGN LOOP

STEP 1 - Identifying
Problems and
Opportunities

STEP 2 - Framing a Design Brief

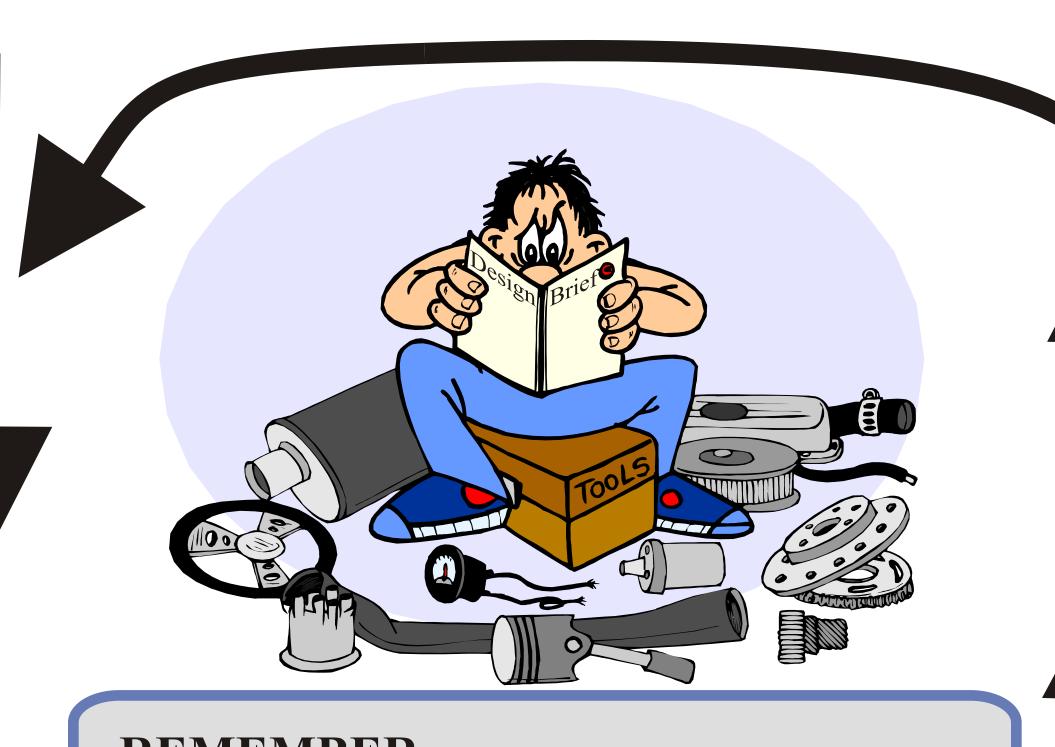
What will the designer do? What will the design do?

SPECIFICATIONS

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STEP 3 - Investigation and Research



STEP 9 - Redesigning and improving

STEP 8 - Testing and evaluating

REMEMBER:

Designing involves returning again and again to the various steps as the need arises. Also, there is often a need to go around the loop a number of times for any one problem. This is because a subproblem, within the overall problem, requires attention to many of the individual steps in the design process.

STEP 7 - Modeling and Prototyping

STEP 6 - Developmental Work

STEP 4 - Generating Alternative Solutions

STEP 5 - Choosing a Solution