IDENTIFY, ANALYZE, RESEARCH

THINK OF SOLUTIONS

DISCUSS IDEAS WITH OTHERS

PREPARE SCALE DETAIL AND ASSEMBLY DRAWINGS OF ALL PARTS AND SUBASSEMBLIES

PREPARE A DESIGN LAYOUT DRAWING TO SCALE FROM FINAL SOLUTION SKETCH

REVISE & COMBINE FOR A FINAL SOLUTION

PREPARE COMPLETE SPECIFICATIONS AND A MATERIALS LIST OF ALL PARTS

MAKE INDIVIDUAL PARTS, INSPECT PARTS FOR ACCURACY, AND ASSEMBLE THE PARTS TO MAKE A WORKING PROTOTYPE OR SCALE MODEL

CHECK ASSEMBLY OF PARTS AND TEST THE OPERATION OF THE PROTOTYPE FOR ACCURACY, RELIABILITY, AND SAFETY

REVISE DETAIL AND ASSEMBLY DRAWINGS IF NECESSARY AND PREPARE TECHINCAL ILLUSTRATIONS FOR MANUALS AND BROCHURES

STEVENSON HIGH SCHOOL

TECHNOLOGY EDUCATION DEPARTMENT

TECHNICAL DRAWING PROGRAM

DRN BY: MICHELLE CRUZ

DATE: 10-3-11

SCALE: FULL

THE DESIGN PROCESS

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