

IDENTIFY
ANALYZE
RESEARCH

THINK OF
SOLUTIONS

DISCUSS IDEAS
WITH OTHERS

COMBINE IDEAS
FOR FINAL
SKETCH

Prepare assembly
drawings of all parts
and sub-assemblies

Prepare a design
layout drawing to
scale from the final
solution sketch

Prepare complete
specifications and a materials
list of all parts

Make, inspect, and
assemble parts to
make a prototype

Test the
Prototype for
accuracy, reliability,
and safety

Revise drawings
and prepare
technical
illustrations



STEVENSON HIGH SCHOOL

TECHNOLOGY EDUCATION DEPARTMENT
TECHNICAL DRAWING PROGRAM

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SCALE: FULL

THE DESIGN PROCESS

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