DESIGN PROCESS FOR SOLVING PROBLEMS IDENTIFY ANALYZE RESEARCH **DISCUSS IDEAS WITH OTHERS** THINK OF **SOLUTIONS** REVISE AND **COMBINE FOR** A FINAL SOLUTION Prepare complete specifications Check assembly and a materials of parts and test list of all parts the operation of the prototype for Prepare a accuracy, design layout reliability, and drawing to safety. scale from the final solution/ sketch Revise detail and assembly drawings if necessary and prepare technical illustrations Prepare scale detail for manuals and and assembly brochures. drawings of all parts and sub-assemblies DRN BY: Monica Muthaiya STEVENSON HIGH SCHOOL DATE: 9/30/11 The Design Process TECHNOLOGY EDUCATION DEPARTMENT TECHNICAL DRAWING PROGRAM SCALE: 1-1