

STEPS OF THE INVENTION PROCESS



IDENTIFY – Ask questions to determine what the problem is



UNDERSTAND- Research the problem fully. Who does it affect? What may cause the problem? What might be possible solutions?



IDEATE- Use creative problem-solving to turn an idea into a solution.



DESIGN- Sketch a drawing of the solution and its design. Label the parts.



BUILD- Put your plans in action and build a model (a prototype).



TEST- Test the model to collect data and receive feedback.



REDESIGN- Make adjustments and improvements to your prototype. The Test and Re-Design steps may repeat several (or many) times until you are satisfied with the results.



COMMUNICATE- Present your idea and your solution.