

Newton's Design Process

Step One: Define Problem

Step Two: Generate Concepts (Research with citations)

Step Three: Develop a Design (Sketches)

Step Four: Construct and Prototype (List materials and equipment, pictures of initial design)

Step Five: Evaluate Design (Testing – data table to record quantitative data, change one variable at a time, include qualitative observations)

Step Six: Redesign (new sketches, explanation of changes)

Step Seven: Outline of Presentation (Explanation of 6 steps in design process, explanation of how design represents Newton's law, use of visual aide)