

Momentumometer Drawings

Physical Science and Technology

There are two parts to the drawings that you will complete for your momentumometer. Both parts should be done individually, as this whole project is an individual project.

Part I: Overall sketch

On a clean sheet of paper (lined or unlined), make a sketch of the design of your momentumometer. Pay special attention to the base – think about what you would like the overall design to be and how the type of wood you choose might influence that design. After you have completed your overall sketch, show it to an instructor for approval.

Part II: Orthographic drawings

On three pieces of clean, unlined paper, make orthographic drawings of the top, front, and side of your momentumometer. These drawings should be full-scale: when you have completed your momentumometer, you should be able to hold it up against these drawings and have it match perfectly. Your orthographic drawings should be made using rulers and circle templates and should be extremely neat, clean, and precise. Make your drawings in PENCIL ONLY so they are as neat as possible. Include dimensions on your orthographic drawings so that the sizes of your design are as clear as possible.