Ruler and dashed line are draggable. You can move them with the mouse.

Springs 1 and 2 have a fixed stiffness. Change the stiffness of spring 3 and its thickness changes to match.

The Energy Chart shows kinetic (KE), gravitational potential (PEgrav), elastic potential (PEelas), Heat, and Total Energy.

Click to turn on the Stopwatch.

Click the Sound box to hear audio.

Use the Friction slider to change the damping of the springs (effects all of the springs the same).

Click the Sound box to hear audio.

Use the Friction slider to change the damping of the springs (effects all of the springs the same).

Change the stiffness (spring constant) of spring 3. The thickness of spring 3 changes to match.

Show the energy chart for spring 1, 2, or 3, or select No show to hide the chart.

Select gravity on different planets.

Slow the motion by selecting the time scale.

Click the Sound box to hear audio.

Labeled masses and mystery masses.

Grab masses and attach them to springs. Drag a mass sideways to detach it from the spring.

The Energy Chart shows kinetic (KE), gravitational potential (PEgrav), elastic potential (PEelas), Heat, and Total Energy.

Show Energy of 1 2 3

No show

Show Help

No Help

Stopwatch

Sound

Stop/Pause buttons to control the stopwatch. The stopwatch is draggable. You can move it with the mouse.