From yr11 book:

* Free fall – drop an object from different heights and measure speed/energy/time
* Bouyancy – drop an object in water or other liquid/solution and measure speed/force/time
* Springs – stretching/winding a spring and measuring distance/force/energy
* Resistance – change length/area/temperature/material and measure resistance/current/voltage
* Heat loss – change shape/size/temperature/material and measure temperature/energy change
* Standing waves – use a spring or frequency generator/microphone to measure speed/nodes