

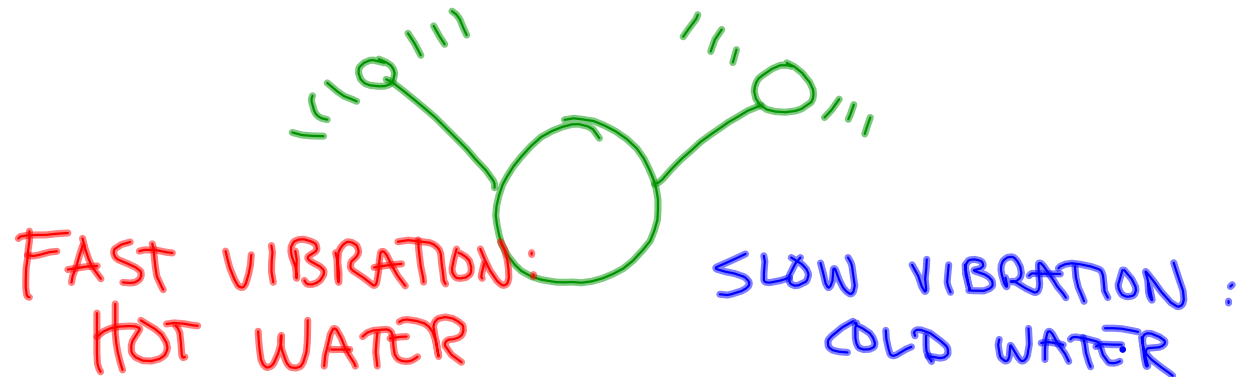
pH:

We'll combine sensors & pH strips
to get the best measurement
possible.

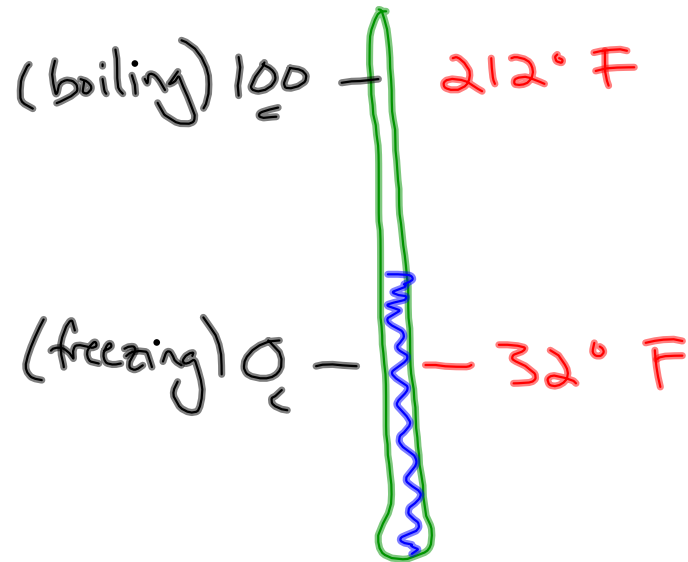
- calibrate sensor (4 & 10)
 - test sensor (7)
 - measure tap water (+ KCl)
with sensor and strips
- Get creek water & test
(+ KCl) w/sensor + strips

Temperature:

- The motion of the particles that make up a substance



We measure temperature with a thermometer or sensor



Temperature is important because:

- Temperatures that are too cold or too hot can physically damage an organism
- Temperatures have a lot to do with metabolism
- ★ • Temperature and dissolved oxygen are related

Cold water can hold more dissolved oxygen than warm water

many organisms rely on dissolved oxygen to breathe