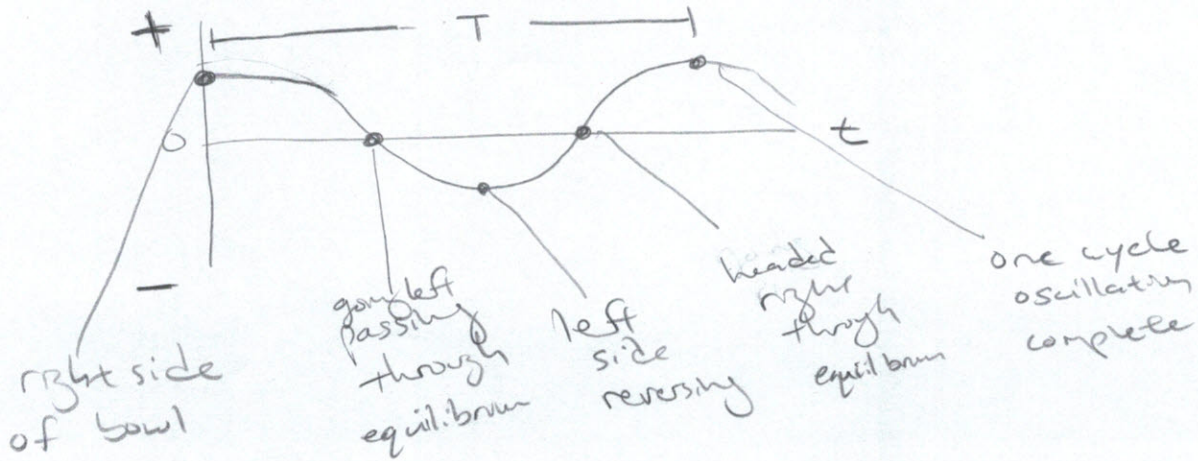


Sinusoidal - a graph or a function that has the form of a sine or cosine function

Simple harmonic motion (SHM) - a sinusoidal oscillation



mass on a spring - depends on the mass + stiffness of the spring (ex. - sound waves in the ear)

pendulum - gravitational pull on the mass. The period depends on the length of the pendulum + the free-fall acceleration g . (ex. - giraffe's legs)

- a mass suspended from a pivot pt by a light string or rod