

**Today:** Waveforms and digital sampling

**Next time:** Sources of musical sound

**Last time**

Only a vibration that repeats itself at regular intervals produces the sensation of a distinct pitch

Periodic motion -- repeats itself at regular intervals

frequency =  $1 / \text{period}$

Frequency (physical) determines pitch (sensation)

Amplitude - how large the oscillation is

## Outline

Audible range

Basics of digital sound editing

Sampling rate

Bit depth or dynamic range

Estimates of size of digital sound files

CT3.1

Should we count the clicker scores today?

A) Yes

B) No

C) Abstain (Abstain: to refrain deliberately and often with an effort of self-denial from an action or practice)