













## Harmonic motion

- Harmonic motion can be fast or slow, but speed constantly changes during its cycle.
- We use period and frequency to describe how quickly cycles repeat themselves.
- The time for one cycle to occur is called a period.

























## Natural frequency and resonance



cpo science

- The natural frequency is the frequency (or period) at which a system naturally oscillates.
- Every system that oscillates has a natural frequency.



