

The Wave Equation

$$V = \frac{d}{t} \sim \lambda \text{ - wavelength}$$

$$t \sim T \text{ - period}$$

$$V = \frac{\lambda}{T}$$

$$T = \frac{1}{f}$$

$$V = \lambda \cdot f$$

The speed of a wave is fixed

- if I change the frequency
The wavelength will change to balance it.
- if I change the λ , the f will change to balance it.

you can change the velocity of a wave by changing the medium (material) it moves through
↓
 Propogates

Reflection

Fixed/Closed End

wave flips



Loose/Free End

