

### Waves terms activity

Refraction

Diffraction

Standing wave

Constructive interference

Reflection

Destructive interference

occurs when wave displacements are in the same direction.

•occurs when the wave amplitudes oppose each other,

When a wave strikes an object and bounces back that is

When an object causes a wave to change direction and bend around it

The bending of a wave caused by the change in its speed

• Waves that are "trapped" and cannot travel in either direction