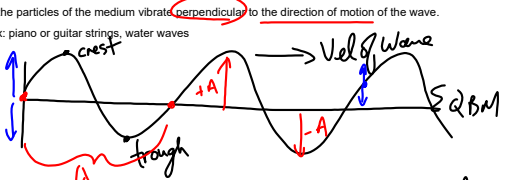


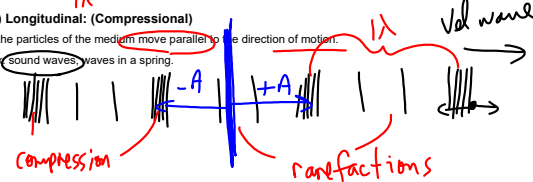
**We will be focusing on MECHANICAL WAVES in this course.**

There are two types of MECHANICAL WAVES:

**1) Transverse:**  
- the particles of the medium vibrate perpendicular to the direction of motion of the wave.  
ex: piano or guitar strings, water waves



**2) Longitudinal: (Compressional)**  
- the particles of the medium move parallel to the direction of motion.  
ex: Sound waves, waves in a spring.



Dec 13-9:25 AM