***Properties of Waves Notes***

Label the axes and the following parts of the wave on the diagram below

Wavelength Amplitude Equilibrium Crest Trough



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Definition | Symbol | Units | Equation relating to other quantities |
| Wavelength |  |  |  |  |
| Frequency |  |  |  |  |
| Period |  |  |  |  |
| Speed |  |  |  |  |
| Intensity |  |  |  |  |

|  |  |
| --- | --- |
| Longitudinal Waves | Transverse Waves |
|  |  |

|  |  |
| --- | --- |
| Mechanical Waves | Electromagnetic Waves |
|  |  |