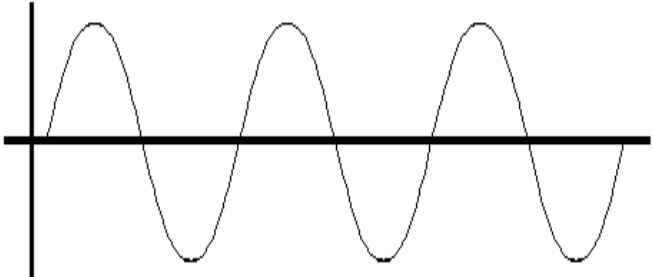
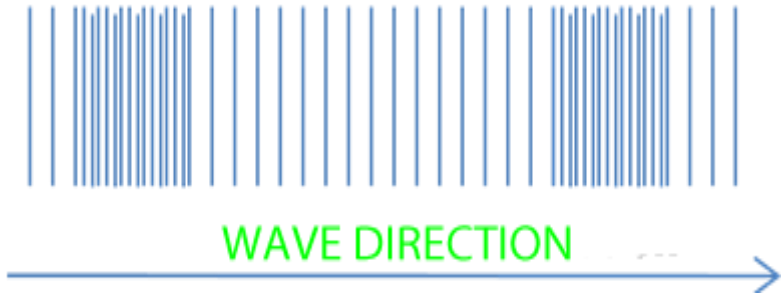


Revising Waves from Y9

Q	Question	Answer
1.	State three examples of waves	
2.	Describe the motion of the particles in a Transverse wave?	
3.	Describe the motion of the particles in a Longitudinal wave?	
4.	Label the Trough, Crest/Peak, Amplitude and Wavelength on the wave diagram:	
5.	Label the compression, rarefaction and wavelength on the wave diagram:	
6.	Give 5 examples of Transverse waves:	
7.	Give 1 example of a Longitudinal wave:	
8.	Describe how you could test that a water wave in a ripple tank was a Transverse wave? What would you do? What would you observe?	
9.	Describe what is meant by the frequency of a wave?	
10.	What are the units of frequency?	

Q	Question	Answer
11.	What is meant by the period of a wave?	
12.	What is the equation that links frequency and the period of a wave?	
13.	If a water wave has more energy what property of the wave would be different and how?	
14.	Can you recall the equation that links wave speed, frequency and wavelength?	
15.	Describe how you could perform an experiment to find the speed of sound in air? What equipment would you use and how?	
16.	What are the colours of light in the visible spectrum?	
17.	Which colour has the longest wavelength and lowest frequency?	
18.	State the 7 types of waves found in the Electromagnetic Spectrum?	
19.	Give a use or danger for each of 7 types of wave in the EM spectrum	
20.	Stable objects usually have two common features. What are they?	