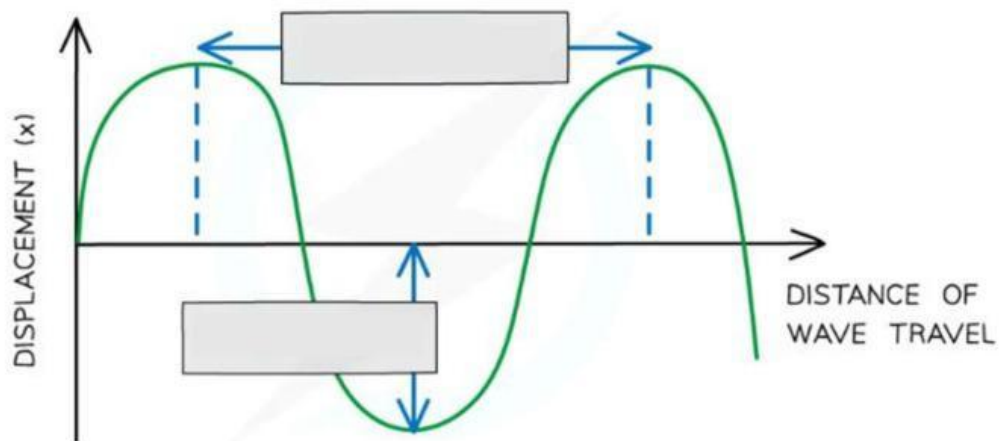
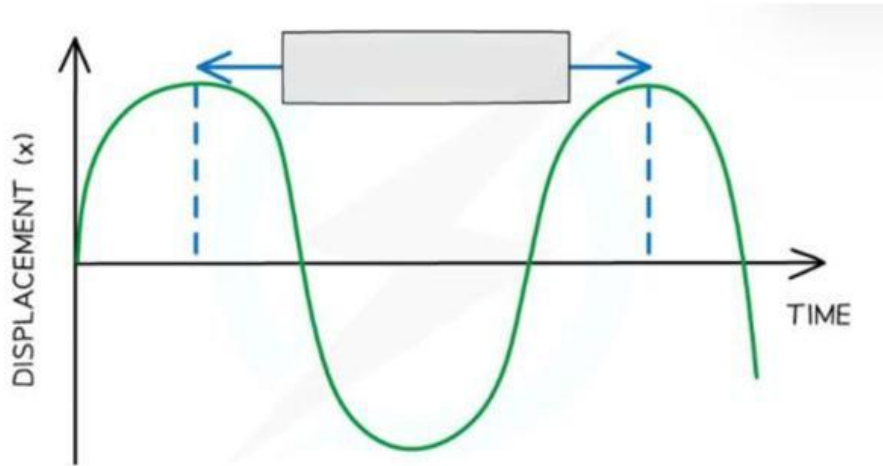


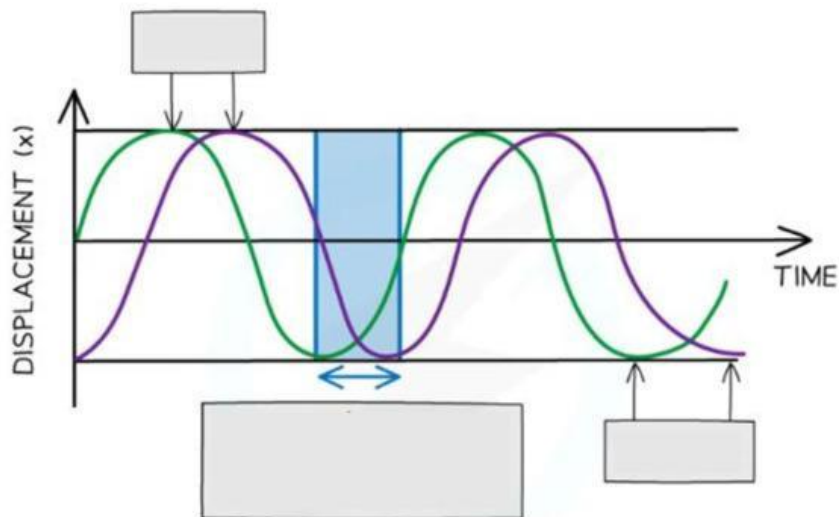
### **STATION 3: (10 MINUTES)**

Instruction: Students in a group answer the following questions.

#### **Labelling the graph. (Drag and drop)**

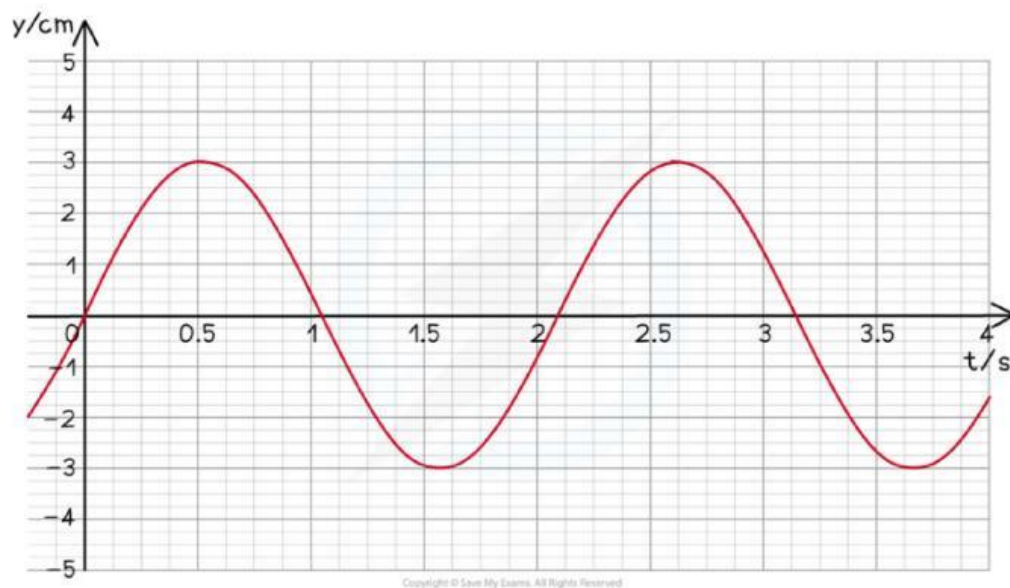


CREST	PERIOD	WAVELENGTH
TROUGH	AMPLITUDE	PHASE DIFFERENCE



### Analyse the graph.

A student sets out to investigate the oscillation of a mass suspended from the free end of a spring. The mass is pulled downwards and then released. The variation with time  $t$  of the displacement  $y$  of the mass is shown in the figure below.



- Amplitude of oscillation is \_\_\_\_\_.
- Period of oscillation is \_\_\_\_\_.
- Frequency of oscillation is \_\_\_\_\_.
- Can we determine wavelength from this graph?