

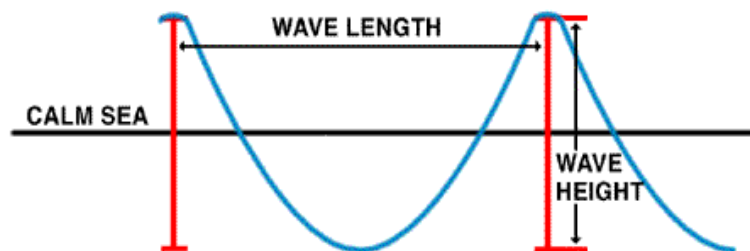


## 2. WAVES AND WIND

### WORKSHEET 2: HOW ARE WAVES MEASURED?

#### grouping

1- 1. Look at the diagram and fill in the blanks in the text with words from the list below



Wave model from [www.ndbc.noaa.gov/educate/educate.shtml](http://www.ndbc.noaa.gov/educate/educate.shtml)

The water in the ocean is always ----. Waves are one movement of the ocean----.

They are caused by the----.The ----of these waves depends on wind----, on the ----

of the wind and on the----. It is measured from the wave ----to the wave----. The wave ----is defined as the horizontal distance between two successive----.

Water; moving; height; waves; length; crest ; troughs; wind ; duration; fetch; speed

2- **Create your own ocean wave!**

Follow this link and discover the wave machine...

<http://www.pbs.org/wnet/savage seas/multimedia/wavemachine.html>