

Waves

Use the links to answer the following questions.

1. <http://pao.cnmoc.navy.mil/educate/neptune/quest/wavetide/anatomy.htm>

Define each term:

crest-

trough-

wavelength-

waveheight-

Draw a diagram of a series of waves and label the crest, trough, wavelength, and waveheight.

2. <http://pao.cnmoc.navy.mil/educate/neptune/quest/wavetide/birth.htm>

What causes waves?

How do water molecules move? This explains why the ocean never empties of water.

3. <http://www.thirteen.org/savage seas/multimedia/wavemachine.html>

Use the Wave Machine to make some of your own waves. Wave height is determined by 3 things- tell what each term means:

wind speed-

fetch-

duration-