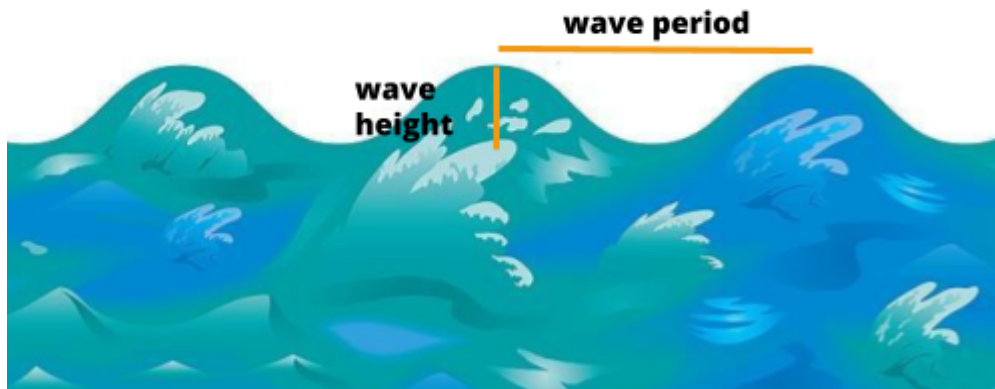




Warm Up

We want to know, *does wave height change depending where in the world you are?* Wave height is the measurement from the lowest point of the wave to the highest point.



1. Visit: <https://aqualink.org/map> and log-in. Username: supernova@dal.ca password: SeatoSchool2021
2. Choose a buoy on the map, click on the buoy symbol and record the wave measurements in the data table.
3. Choose another buoy in a different location, click on the buoy symbol and record the wave measurements.

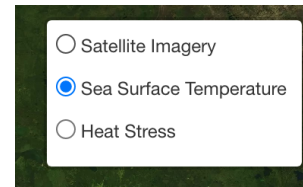
Buoy	Location	Wave Height	Wave Period
Buoy #1			
Buoy #2			



Temperature Activity

We want to know, *does sea temperature change as you move away from the Equator?*

1. Select the 'Layers'  icon on the Aqualink map and set to 'Sea Surface Temperature'



2. Select a buoy from the hottest region, indicated in red.
3. Record Sea Surface Temperature in the table below.
4. Decide whether you want to record data moving *North* or *South* (circle one)
5. Choose a new buoy either North or South of your first buoy and record in the table below.
6. Repeat this process for a total of 5 buoys.
7. In the 'Increase or Decrease' draw an arrow to indicate whether the temperature is higher or lower than the previous buoy.

Buoy	Location	Temperature	Increase or Decrease (↑or↓)
Buoy #1			-----
Buoy #2			
Buoy #3			
Buoy #4			
Buoy #5			