

## Ocean Science Datasheet

Investigative Question:  
What organisms live here?

Let's look for organisms at the four different tide zones! Move aside the seaweed and carefully look in your quadrat for species listed on the datasheet. When you find an organism, place an "X" in the zone where you find it. Careful to put your "X" in the right column! Which zone had the highest number of different organisms?

Organism	Splash	High tide	Mid-tide	Low tide
Sea urchin				X

Example: If you found a sea urchin at the low-tide zone but not at the Splash, mid-, or high tide zones, you would fill the chart out like the one above.

Tidal Zone Inventory				
Organism	Splash	High tide	Mid-tide	Low tide
Green Anemone				
Aggregating Anemone				
Acorn Barnacle				
Thatched Barnacle				
Gooseneck Barnacle				
Kelp Isopod				
Purple Shore Crab				
Hairy Shore Crab				
Hermit Crab				
Decorator crab				
Dungeness Crab				
Periwinkle snail				
Whelk				
Pacific Blue Mussel				
Limpet				
Chiton				
Sea Lemon Nudibranch				
Opalescent Nudibranch				
Purple/Ochre Sea Star				
Other Sea Star				
Tidepool Sculpin				
Other				
Other				
Add up all the "X"s in each column				
<b>TOTAL</b>				

The \_\_\_\_\_ zone had the highest number of different kinds of organisms.  
Why do you think that there are more kinds of organisms there?