



# PROJECT OCEANOLOGY



## Facebook Live: Trawling

Let's pretend to go trawling from your home! Find the following things in your kitchen:

- Goldfish crackers or other small cracker
  - Popcorn or other small snack
  - Chopsticks or tongs
  - Spoon
  - Spatula
  - Plate
1. Put a handful each of popcorn and crackers on the plate. The crackers are the **target species** and the popcorn represents other sea creatures you weren't trying to catch. We called those animals **bycatch**.
  2. With your eyes closed, try to grab as many target crackers as you can using the chopsticks or tongs **for 20 seconds**. Record your catch results in the table below.
  3. Return all the crackers and popcorn to the plate. Then try again for another 20 seconds using the spoon, and then the spatula.

Collection Method	Chopsticks/Tongs	Spoon	Spatula
Number of Target Species			
Number of Bycatch			

1. Which object caught the most "organisms"?" Which was best at catching your target species (goldfish crackers)?
2. Which object do you think catches most like an otter trawl?
3. What could you do to modify your objects to catch just your target?
4. If you were a commercial fisher, with fluke as your target, would you use an otter trawl? Why or why not?