

Observations:

Hypothesis:

Data: Time it takes for plankton to sink

Group Name	Time1 (sec)	Time 2 (sec)	Time 3 (sec)	Avg. Time (sec)	Distance (cm)	Rate (cm/sec)

$$\text{Average time} = \frac{\text{Time 1} + \text{Time 2} + \text{Time 3}}{3}$$

$$\text{Rate} = \frac{\text{Distance}}{\text{Avg. Time}}$$

Calculate the average time and the rates for each of the groups.

Conclusion:

Which plankton was the slowest?

Why was that plankton the slowest?

Discussion Questions:

We conducted this experiment with fresh water, would there be a difference if we used seawater (salt water)? Why or why not?

Why did we repeat the races several times?