Observations:

Hypothesis:

Data: Time it takes for plankton to sink

<table>
<thead>
<tr>
<th>Group Name</th>
<th>Time 1 (sec)</th>
<th>Time 2 (sec)</th>
<th>Time 3 (sec)</th>
<th>Avg. Time (sec)</th>
<th>Distance (cm)</th>
<th>Rate (cm/sec)</th>
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Average time = \( \frac{Time \ 1 + Time \ 2 + Time \ 3}{3} \)

Rate = \( \frac{Distance}{Avg. \ Time} \)

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?