



Effect of Acidic Ocean Water on Seashells Data Sheet



Use this sheet to record your observations of how acid (vinegar) compared with normal seawater affects seashells over time. Describe the appearance and strength of each shell at different times during the experiment.

1. Start time: _____

Observe your shells for 2 minutes. Describe what each shell looks like and anything else you see happening in each container.

Saltwater shell observation: _____

Vinegar shell observation: _____

2. Observation #2. Time of day: _____

Observe your shells without touching them. Are there any differences from your first observation? Describe what you see.

Saltwater shell observation: _____

Vinegar shell observation: _____

3. Observation #3. Time of day: _____

Observe your shells without touching them. Are there any differences from your first observation? Describe what you see.

Saltwater shell observation: _____

Vinegar shell observation: _____

4. Observation #4: Time of day: _____

Remove each shell from its container. Test the strength of each shell by trying to break a piece off. Describe what happens.

Saltwater shell observation: _____

Vinegar shell observation: _____

What do you think caused the changes you observed? _____
