

Date: _____

What happens when salt dissolves in water?

Put a strip of masking tape on the cup and mark the water level **before** adding the salt.

Weight Data:

Water

Weight of water and cup: _____

Weight of empty cup (tare weight): _____

Weight of water **only**: _____

Salt

Weight of salt and cup: _____

Weight of empty cup (tare weight): _____

Weight of salt **only**: _____

Weight of water **only** and salt **only**:

Water and Dissolved Salt

Weight of cup and water and dissolved salt: _____

Weight of empty cup (tare weight): _____

Weight of water and dissolved salt **only**:

What happens when salt dissolves in water?

Volume Data:

Drawings to show the water level before and after dissolving salt.

What happens when salt dissolves in water?

Claim:

Evidence that supports the claim (use weight and volume data):

Procedure:

Adding salt to the mini-lake

1. Weigh your mini-lake and record the weight.
2. Put 2 spoons of salt into the water in your mini-lake (don't stir).
3. Weigh your mini-lake again and record the weight.