

PROBLEM: Does temperature of water have anything to do with dissolving substances?

PREDICTION:

PROCEDURE:

MATERIALS: salt, sand, sugar, baking soda, epsom salt, mud, measuring spoons, beakers, warm water

In a beaker measure 100 ml of water. Then stir in 1 ml of one item, first in cold water than warm. Record what happens in the data chart below. Then dispose of the materials as instructed by your teacher.

	COLD	WARM
salt		
sand		
sugar		
baking soda		
epsom salt		
mud		

CONCLUSION: What substances dissolved the fastest (cold or warm water)?

Can you figure out why the ocean is salty and not sweet?