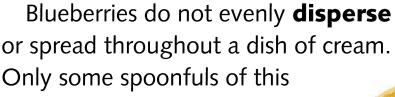
All Mixed Up!

Why do some ingredients seem to disappear when you mix them together? Why don't others? Here's the scoop on mixtures and solutions!



mixture have blueberries.

Sugar stirred into water makes a solution. The sugar seems to disappear, or **dissolve**, because it disperses evenly through the water.





Sand does not dissolve when stirred into water. This is a mixture. A mixture is a combination of at least two substances, with different properties, that don't chemically combine. The materials in a mixture can be separated. A solution is a special mixture in which one thing dissolves in another, making a single form. The materials don't separate.

Try This:

Add one teaspoon of salt to a cup of water in a clear glass. Stir the salt. Did the salt seem to disappear? Is this a solution or a mixture? How do you know?