

Name _____

Date _____

HOME/SCHOOL CONNECTION

Making & Separating Solutions

1. Can you make a solution with two liquids?
2. How will you know if you have made a solution?
3. If a solution is a mixture, and mixtures can be separated, how can you separate a solution of two liquids?

Will it make a solution?

Be sure to work with an adult and use safety precautions!

(Note: Use different liquids if you don't have the suggested materials in your home.)

1. Try mixing water with cooking oil. What do you notice?
2. Try mixing water with rubbing alcohol. What do you notice?
3. Can you make a solution with another liquid and water? What did you use? How do you know you made a solution? Describe your results.

Separate the solutions.

Develop a procedure for separating your liquid solutions. List your steps below and include a data table to share your observations and results. What did you learn? How can you use your data to support your claim/conclusion.