

Make Homemade Zip-lock Bag Lemonade!

This activity is a great way for your child to enjoy warm weather and cool down with a homemade refreshment. Besides having fun, he'll be conducting a basic science experiment. Science is about studying change. By following a set of procedures, making predictions, and observing results, your budding scientist will be dabbling in the scientific method!

What You Need:

Zip-lock bags
Lemons
Water
Sugar
Ice (optional)
Straws

What You Do:

1. Cut a lemon into quarters and remove any seeds.
2. Place one quarter into a zip-lock bag.
3. Add ½ cup of water.
4. Add approximately 1 teaspoon of sugar.
5. Zip the bag securely.
6. Gently mix the contents of the bag for about 30 seconds, making sure to squeeze the pulp of the lemon.
7. Open a small section of the top of the bag and insert a straw. If desired, add a couple of ice cubes.
8. Enjoy!



Before you begin the activity, try gathering up all the necessary items and then asking your child what he thinks you can make from the ingredients. Have him make observations about those ingredients. Ask him to make predictions about the steps involved and what he thinks will happen when the ingredients are mixed together. Be sure to encourage him to describe what he sees, smells, hears, tastes and feels throughout the whole process. This recipe can even be taken “on the road.” Simply put the lemons and sugar into zip-lock bags before your next picnic. Add the water when you get to your destination for some on-the-spot, homemade refreshment.