

Apple Slice Science!

When apples are set out in the air, they turn brown. But when they're coated with lemon juice, the acid in the juice keeps the apples fresh.

In this activity your child will design her own happy face snack and experiment with using lemon juice to keep the apples fresh. In the end, she'll have learned about the effects of lemon juice on apple slices, and have a healthy snack to go along with the lesson!

What You Need:

- Apple
- Apple peeler
- Lemon juice
- Raisins
- Grapes
- Plates



What You Do:

1. Peel the skin off the apples and cut apple slices.
2. Give your child one of the slices, two grapes and two raisins. Have her use the ingredients to create a happy face on the plate with the raisins for the eyes, the grapes for the nose and the apple slice as the mouth. Talk about how her mouth looks when she is smiling so that she turns the apple slice the correct way.
3. Have your child show you what a sad face looks like. Give your child one of the slices, two grapes and two raisins. Have her use the ingredients to create a sad face on a second plate.
4. Show your child how to sprinkle the lemon juice on the apples. Do not put any lemon juice on the sad face.
5. After 15 minutes, come back and check on the snack. Ask your child what the difference is between the two snacks. See why she thinks that one is brown and the other one is not. Have her tell you which one she would like to eat.
6. Have your child eat a slice of the apple that you did not use to make the faces. Then have her eat the apple that you put lemon juice on. Ask her if the apple with lemon juice on it tastes any different than the apple without lemon juice.
7. When you are finished, throw out the apple slice from the sad face. Enjoy a snack of apples, grapes and raisins with your child!