



- Sweet corn is just one of many types of corn, and makes up only 1% of all corn grown in the U.S.
- Dent, flour, and flint corn are often harvested when fully ripe and dry, and then can be ground into cornmeal. These types of corn come in many beautiful colors like blue, purple, red, green, and pink!
- Corn is a sacred crop to many native peoples of the Americas. In the origin story of the Hopi, the Creator gave the Hopi people three things: a gourd of water, a planting stick, and an ear of blue corn.
- Yellow dent corn is the most common type grown in the U.S. It is used for animal feed, to make ethanol fuel, and to make sweeteners like high fructose corn syrup.



- Sweet corn is just one of many types of corn, and makes up only 1% of all corn grown in the U.S.
- Dent, flour, and flint corn are often harvested when fully ripe and dry, and then can be ground into cornmeal. These types of corn come in many beautiful colors like blue, purple, red, green, and pink!
- Corn is a sacred crop to many native peoples of the Americas. In the origin story of the Hopi, the Creator gave the Hopi people three things: a gourd of water, a planting stick, and an ear of blue corn.
- Yellow dent corn is the most common type grown in the U.S. It is used for animal feed, to make ethanol fuel, and to make sweeteners like high fructose corn syrup.





## SCIENCE: Dancing Corn Experiment

Source: Little Bins, Little Hands

This dancing corn experiment can get a bit messy! Make sure to work on a surface you can clean up easily. You can even place your glass or jar in a pie dish or on a cookie sheet to catch any overflow.

### Materials:

- Tall jar or glass (mason jars work well)
- 2 cups of water
- 2 tbsp of baking soda
- 1/8-1/4 cup of popping corn
- 1 cup of vinegar (use as needed)

### Instructions:

1. Fill the jar with 2 cups of water. Add 2 tablespoons of baking soda and stir well to mix thoroughly.
2. Add the popcorn (you don't need to add too much for a fun dancing effect).
3. At this point, you have the perfect opportunity to talk about predictions and have your kids predict what they think will happen when the vinegar is added.
4. Now here comes the fun part - add a small amount of vinegar. Pour slowly!

In this case, an acid (liquid: vinegar) and a base (solid: baking soda) combine to make a gas called carbon dioxide which produces the eruption you can see as well as the dancing action. The carbon dioxide bubbles lift the corn, but as the bubbles pop, the corn falls back down!



## SCIENCE: Dancing Corn Experiment

Source: Little Bins, Little Hands

This dancing corn experiment can get a bit messy! Make sure to work on a surface you can clean up easily. You can even place your glass or jar in a pie dish or on a cookie sheet to catch any overflow.

### Materials:

- Tall jar or glass (mason jars work well)
- 2 cups of water
- 2 tbsp of baking soda
- 1/8-1/4 cup of popping corn
- 1 cup of vinegar (use as needed)

### Instructions:

1. Fill the jar with 2 cups of water. Add 2 tablespoons of baking soda and stir well to mix thoroughly.
2. Add the popcorn (you don't need to add too much for a fun dancing effect).
3. At this point, you have the perfect opportunity to talk about predictions and have your kids predict what they think will happen when the vinegar is added.
4. Now here comes the fun part - add a small amount of vinegar. Pour slowly!

In this case, an acid (liquid: vinegar) and a base (solid: baking soda) combine to make a gas called carbon dioxide which produces the eruption you can see as well as the dancing action. The carbon dioxide bubbles lift the corn, but as the bubbles pop, the corn falls back down!