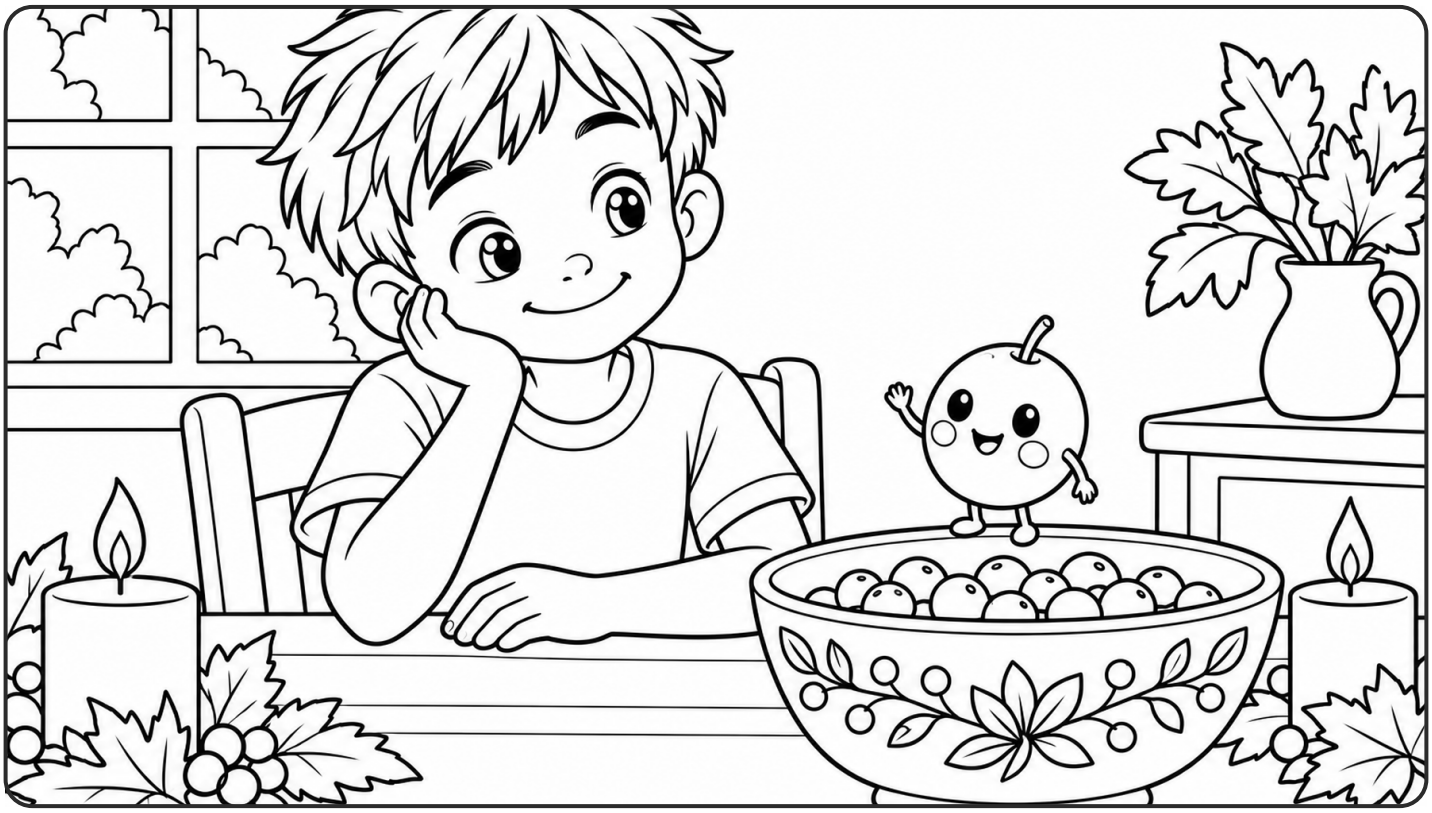
# Why do cranberries float?

Plop! A cranberry in water doesn't sink. It floats! Why do cranberries float?



## Why?

1. **Little empty rooms inside.**
   If a grown-up cuts a cranberry in half, you can see that it is not full all the way through. Inside, it has little empty rooms, called air pockets.
2. **Air is very, very light.**
   All that air inside makes a cranberry lighter than the same amount of water. And things that are lighter than water float, like a beach ball in a pool!
3. **Farmers use the floating trick.**
   At harvest time in the fall, they flood the bog with water. Then a machine gently shakes the vines. The cranberries come loose, and pop up, up, up to the top!

## Try it! Float, peek and bounce

You need: a few fresh cranberries, a bowl of water, a grown-up

1. Drop a few fresh cranberries into a bowl of water. Do they float?
2. Ask a grown-up to cut one in half, so you can find the air pockets.
3. You can also try a gentle bounce on the table!

**What happened? Cranberries float because of the tiny air** pockets inside.

**Video + more questions:**
**whywhywhykids.com/cranberry**

scan with a grown-up