

## STEM Challenge

### DANCING RICE

What you need: White vinegar, baking soda, instant rice (uncooked), water, clear jar, food coloring (optional)



Method:

1. Partially fill the jar with water and a few drops of food coloring
  2. Add 1 tbs baking soda, mix
  3. Add 1/4 cup rice
  4. Add 1-2 tbs of vinegar and more as needed.
- Now watch the rice dance!

Questions: What happened when you added the vinegar? What ingredient is the vinegar reacting with? Try adding more of the ingredients to see what happens. What other materials might dance in the water?