

# UV Bracelets

**You can use your bracelet as a UV detector!**

Keep an eye on the UV beads and see when they change color.

Sunlight contains UV light, so the beads change color if you're outside on a sunny day. But what happens if you stand in the shade?

In some cars, the front windshield has a special coating to keep out UV light. What about the side windows?

Do sunglasses keep UV light away from the beads?

Name: \_\_\_\_\_

# Gravity Fail



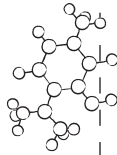
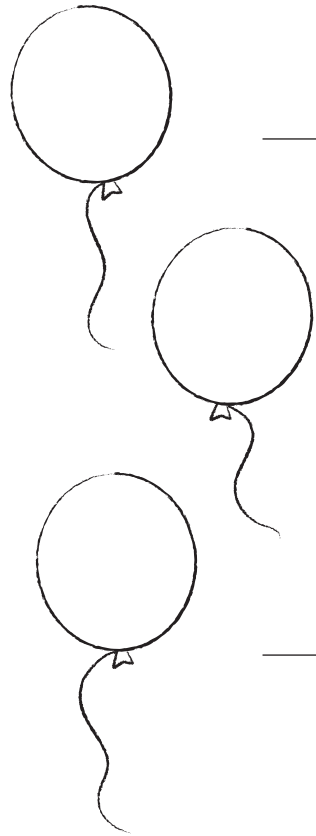
**What happens in the tiny teacup?**

Write or draw your observations.

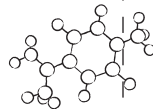
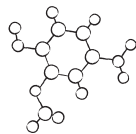
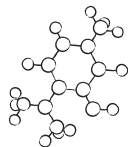
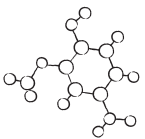


# Smelly Balloons

**Your nose is your very own nano sensor!** Use it to discover scent molecules inside the balloons. Color in the pictures to match your three balloons. Then write the scent that you detect when you smell each balloon.



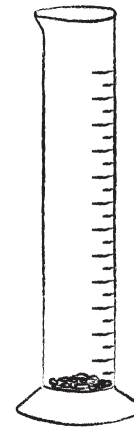
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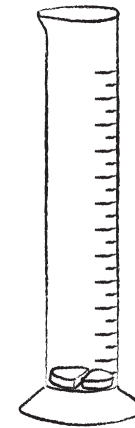
# Ready, Set, Fizz

In one tube, the tablet is broken into lots of little pieces. In the other tube, the tablet is broken into two big pieces.

**Make a prediction.** When you add the water, which tube will fizz the fastest, the one with little pieces or big pieces? Circle your guess.



Little pieces



Big pieces

Nano sized particles of aluminum are explosive!

Good thing regular sized aluminum doesn't explode, or it would be dangerous to drink soda pop!