



## SODA DENSITY

### Ingredients

- Diet Soda
- Regular Soda
- Water
- Transparent Container

### Science Terms

- **Density** – A physical property that describes the mass per unit volume of a substance.
- **Sugar** – A sweet, crystalline carbohydrate used in foods and drinks

### Instructions

**STEP 1:** Fill the transparent container half of the way with water.

**STEP 2:** Drop the regular soda into the transparent container.

**STEP 3:** Drop the diet soda into the transparent container.



### Explanation

Artificial sweetener is used to make diet soda taste sweet. It takes less of the artificial sweetener to make the diet soda taste as sweet as the regular soda. This is the reason why the diet soda is less dense when compared to the regular soda.

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