

Comparing gases- fizzy drink investigation!

Have you ever wondered which fizzy drink is the fizziest? We are going to complete an investigation to find out which fizzy drink has the most carbon dioxide in and is therefore the fizziest.

Choose 3-5 bottles of different fizzy drinks (i.e. lemonade, coke, Fanta, diet coke and cherryade).

Have a look at the different drinks you've chosen. Which one do you predict will have the most carbon dioxide in? Why?

Carry out the investigation as described on the weekly overview sheet. Complete the table of results below:

| Name of drink: | Weight when fizzy: | Weight when flat: | Weight of carbon dioxide (difference in weight) |
|----------------|--------------------|-------------------|--|
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Which drink had the most carbon dioxide in?

Which drink had the least carbon dioxide in?