

Rainbow Experiment

Get ready to get messy with this experiment using food colouring, bi-carb and vinegar! This experiment will get messy so wear gloves and an apron.

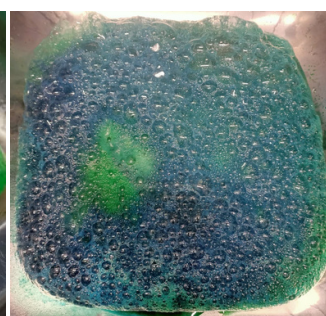
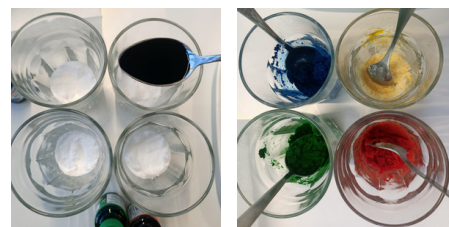
What you need:

- Food colouring
- Bi-carb
- Vinegar
- Large plate or platter
- Spoons and cups
- Kitchen gloves and an apron to protect your hands and clothes!



What to do:

1. Set up your work surface. This will get messy so do this experiment by the kitchen sink. Food colouring will stain!
2. Measure out two tablespoons of bi-carb into each cup. I had five different food colours so I used five cups.
3. Measure out one tablespoon of food colouring into each cup. Mix well so the food colouring changes the colour of the bi-carb. You want the bi-carb to look and feel like sand, not too wet.
4. If you only have limited amount of food colouring like I did, can you mix two colours together to make a new colour? For example blue and yellow make green.
5. Arrange the coloured bi-carb on a large plate in a rainbow pattern. Remember if you are not wearing gloves, your hands will get stained!
6. Now for the fun part! I placed my plate in the sink for this step. Slowly pour the vinegar onto the rainbow, starting in one corner. What happens when the vinegar touches the bi-carb? What colour is the most dominate when all the colours mix together?



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