

HELLO BARNETT!

DANCING RICE EXPERIMENT



**KEEP
CALM
AND
LOVE
BARNETT**


A green rectangular box containing a purple heart icon at the top center. Below the heart, the words "KEEP", "CALM", "AND", "LOVE", and "BARNETT" are stacked vertically in a bold, purple, sans-serif font.

WHAT DO WE NEED?

- ▶ Water
- ▶ Vinegar
- ▶ Food colouring [whatever colour you want]
- ▶ Baking soda
- ▶ Brown rice



METHOD

- ▶ Pour one cup of water into your clear container.
 - ▶ Add 1 teaspoon of baking soda to the water and stir. When you've done that, stir it for 10 seconds.
 - ▶ Sprinkle some rice into the mixture. Then, add vinegar 1 tablespoon of vinegar to the water.
 - ▶ After that, add food colouring.
 - ▶ Observe what happens over the next few minutes.
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- A decorative graphic consisting of several parallel white lines of varying lengths, slanted diagonally from the bottom right towards the top right, located in the lower right quadrant of the slide.

PREDICTION

What is a prediction?

I predict that... because...

A decorative graphic consisting of several parallel white lines of varying lengths, slanted upwards from left to right, located in the bottom right corner of the slide.

RESULTS

What happened...

When I added the baking soda and vinegar together, the rice started dancing.



<https://www.bing.com/videos/search?q=rice+dancing+in+bicarbonate+soda+experiment&&view=detail&mid=D18748405CCF9D1EEC22D18748405CCF9D1EEC22&&FORM=VRDGAR>

CONCLUSION



The rice sinks to the bottom because it is denser than the water. The vinegar reacts with the baking soda in the water creating bubbles of carbon dioxide.

Eventually the rice will begin to “dance”.

As bubbles of carbon dioxide adhere to the rice, the rice is brought up to the surface.

Once it reaches the surface, the gas is released and the rice falls back down again.

THANK YOU FOR LISTENING

Now let's have a look at the science webpage...

<https://www.gardensuburbjunior.co.uk/page/?title=Science&pid=330>

