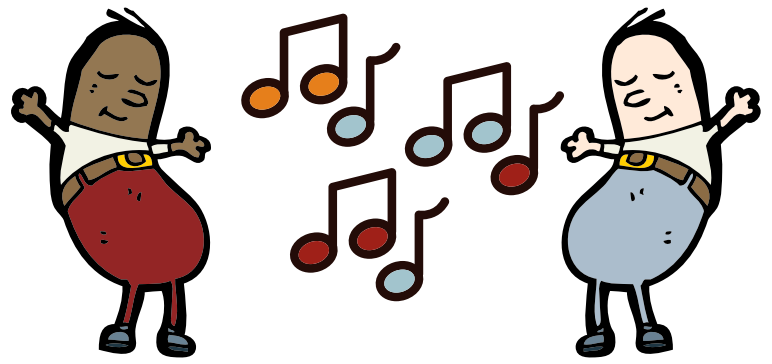


MAGIC DANCING BEANS



AMAZE YOUR FRIENDS AND FAMILY WHEN YOU MAKE THESE BEANS DANCE!

YOU WILL NEED:

TALL, CLEAR GLASS, VASE, OR JAR
WATER
MEASURING SPOON
MEASURING CUP

BAKING SODA
BEANS
WHITE VINEGAR
FOOD COLORING (OPTIONAL)

PROCESS:

FILL THE CLEAR CONTAINER WITH 2 CUPS OF WATER. ADD SOME BAKING SODA – ABOUT 2 TABLESPOONS – AND STIR WELL UNTIL DISSOLVED. ADD FOOD COLORING IF USING. PLACE THE BEANS IN THE GLASS. THEY WILL SINK TO THE BOTTOM. SLOWLY POUR IN THE VINEGAR. WATCH THE BEANS START TO DANCE!

THE SCIENCE BEHIND THE MAGIC

THE VINEGAR (AN ACID) AND THE BAKING SODA (A BASE) COMBINE TO MAKE A GAS CALLED CARBON DIOXIDE. THIS CREATES THE BUBBLES AND THE ERUPTION! THE BUBBLES LIFT UP THE BEANS, AND AS THEY POP THE BEANS FALL BACK DOWN, MAKING THEM "DANCE"!

TIP:

YOU MIGHT WANT TO PUT A TRAY OR PLATE UNDER THE CONTAINER TO CATCH THE OVERFLOW!

WATCH AN ORLA STAFF MEMBER DO THE EXPERIMENT HERE:
[HTTPS://YOUTUBE.BE/NCXT1CLCD1I](https://youtu.be/NCXT1CLCD1I)

Watch Miss Amanda read a story about magic beans here: <https://youtu.be/6ibBnXHJXAw>

Share a picture of your experiment with us (with a grown-up's permission)!



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