

# WeeMan Science Experiments

## WHERE DOES RICE COME FROM?

Tanille Yow Ulm, MS in Educational Administration

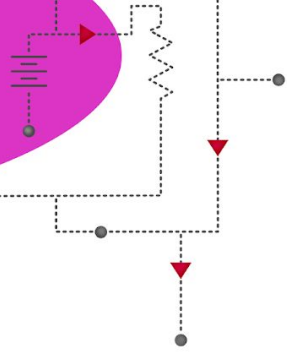
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## COLORFUL RICE

The colorful rice all the colors of the rainbow can be used to glue onto paper or put in layers into a sensory bottle. Children love playing with regular rice and will enjoy that it is colored.

### Materials:

- 1 cup White or Brown Rice
- 1 teaspoon Vinegar
- 1 teaspoon Food Coloring
- Zip-up plastic bags or bowls
- and spoon for mixing



### Directions:

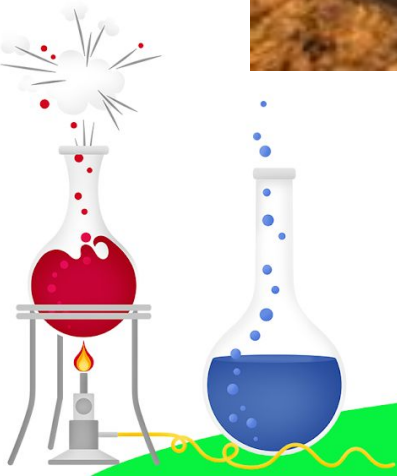
1. Fill a zip-up bag with 1 cup of rice and 1 teaspoon of vinegar.
2. Put about 1 teaspoon food coloring into the bag.
3. Zip up the bag and shake. Designate a bag for each color.
4. Squeeze the bag and mix the rice all around until the food coloring is fully distributed.
5. Add more food coloring if needed to reach the desired color.
6. Pour the colored rice onto wax paper on a cookie sheet.

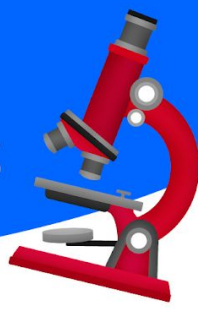


# Dancing Rice

Watch the magic that happens to the rice by mixing these ingredients!

1. Fill the jar 3/4 full with water.
2. Add food coloring if desired.
3. Add 1 tablespoon of baking soda and stir. Mix completely.
4. Add 1/4 cup of uncooked rice.
5. Add 1-2 tablespoons of white vinegar.
6. Watch the rice dance!
7. The darker food colorings makes it easier to see the rice dancing.





## Jump, Jump!

### Ingredients:

- rice
- Speaker
- Plastic wrap
- bowl



### Directions:

1. Observe the rice sitting on the plastic wrap then play some music near the bowl. We used a bluetooth speaker and iphone to play the music. The students loved this!
2. The rice should jump about. Turn up the bass and watch the rice bounce even more.
3. A video of this would really show the rice jumping and surprisingly none of the rice jumped off the bowl.
4. This provided a clear visual of sound waves in motion.



## Fascinating Floating Rice

### Materials:

- a empty plastic water bottle - completely free of droplets
- uncooked rice - any type is fine. We used Jasmine Rice
- a sharpened pencil

Fill one of the empty water bottles to the top with rice (tap the bottle against the counter to help the rice settle). Slowly push the pencil (point down) into the bottle, and slowly pull it up again. Repeat this motion; it will become difficult to push the pencil down. You won't be able to pull out the pencil anymore; you'll be able to pick up the bottle with the pencil instead!



**Step 1**

**Step 2**

**Step 3**

**Step 4**

What happened? Was it what you expected?

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