

FIZZ BALL- THE FIZZING ALIEN PLANET

PAGE TURNER ADVENTURES



A note from Page

This first page teaches you how to make the ball and alien. Turn the page to watch it fizz!

You're about to make a planet very different from the one you live on. We call it the fizzy planet! You'll see!

The fizzing bubbles are caused by an 'Acid-Base' reaction. When the baking soda is mixed with the vinegar, the baking soda (Base) takes a proton from the vinegar (Acid). The reaction causes the baking soda to transform into water and carbon dioxide. The carbon dioxide is a gas which is released during the reaction, which gives it the bubbling effect.

See for yourself!

Materials:

- 1 Cup of Baking Soda
- ¼ Cup of Water
- ¼ Cup of Vinegar
- Washable Paints or Food Coloring

Optional:

- Googly Eyes
- Pipe Cleaners
- Tape
- Other Decorations

Directions:

1. Pour the baking soda into a bowl.
2. Slowly add the water.
3. Mix it into a paste.
4. Form the paste into a planet shape or any shape you'd like!

* Note: If the mixture is too loose to form into a ball, add more baking soda. If it's too crumbly, add more water a few drops at a time.

5. Add in some paint and mix! Try different color combinations and see what happens.

MAKING IT AN ALIEN

Now for the next part!

1. Page turned her planet into an alien.
Use a pipe cleaner to create eye stalks.
2. Glue or tape on some googly eyes and pompoms to the pipe cleaners.
3. Stick the eyestalks in the ball.
4. Decorate with stickers and more pipe cleaners.

But remember, you might come up with a completely new and creative way to create your alien!

THE FIZZZZZZZZ!



Directions:

To create the fizzing bubbles, add a few drops of vinegar to the baking soda ball and watch (and listen to) what happens.

A note from Page

Find a safe place that won't get stained since this is about to get messy!

Write your story here!

Now... add fiction to science!

Write a story about your planet or alien!

Here are some tips, step-by-step:

Step 1: Think about your character. Who is this alien? What does it really, really want?

Step 2: Think about the conflict. Is something stopping your character from getting what it wants?

Step 3: Think about the backstory. Why does it bubble? Is that how the alien communicates?

Step 4: Think about the plot. Is it transforming to save the universe? Is it slowly dissolving and needs to find help?

If you write a story or create a fizzing alien, ask an adult to share it with us on social media using the hashtag #Storyologist.