

FRANKENSTEIN'S MATZAH SUPER SEDER SCIENCE

BALLOON EXPERIMENT



QUESTION: WHAT HAPPENS TO THE BALLOON WHEN THE YEAST/SUGAR/WATER ARE MIXED UP?

- MATERIALS**
- 1 PACKET YEAST**
- 1 TEASPOON SUGAR**
- 1/4 OZ. WARM WATER**
- 1 BALLOON**
- 1 EMPTY BOTTLE**

DIRECTIONS:

- 1) POUR SUGAR, YEAST, AND WATER IN THE BOTTLE.**
- 2) MIX IT FOR ABOUT 30 SECONDS**
- 3) STRETCH BALLOON THEN PUT OVER MOUTH OF BOTTLE.**
- 4) WAIT...**

USE YOUR SCIENTIFIC METHOD SHEET TO RECORD YOUR OBSERVATIONS.

WHAT'S HAPPENING?

YEAST IS ALIVE AND WHEN IT EATS THE SUGAR, IT PRODUCES CARBON DIOXIDE OR CO₂. THE CO₂ GAS RISES AND FILLS UP THE BALLOON!

TRY IT: SEE WHAT HAPPENS IF YOU FEED THE YEAST SALT.

