

Yeast Power!

EXPERIMENT WITH YEAST AT HOME.

NOTE: QUANTITIES LISTED ARE FOR A 30 ML BOTTLE, SCALE VOLUMES AS APPROPRIATE FOR THE CONTAINER USED.

1. YOU WILL NEED: YEAST (FRESH OR DRIED FAST ACTING), SUGAR, WARM WATER, PLASTIC BOTTLE (MUST BE SMALL ENOUGH TO FIT A BALLOON OVER BUT LARGE ENOUGH SO THAT THE BALLOON CAN GRIP ONTO THE BOTTLE), BALLOON, AND TEASPOONS.

2. TAKE THE BOTTLE AND REMOVE THE LID.

3. MEASURE OUT 1 LEVEL TEASPOON OF SUGAR AND ADD IT TO THE BOTTLE.

4. MEASURE OUT 1 LEVEL TEASPOON OF YEAST AND ADD IT TO THE SUGAR IN THE BOTTLE.

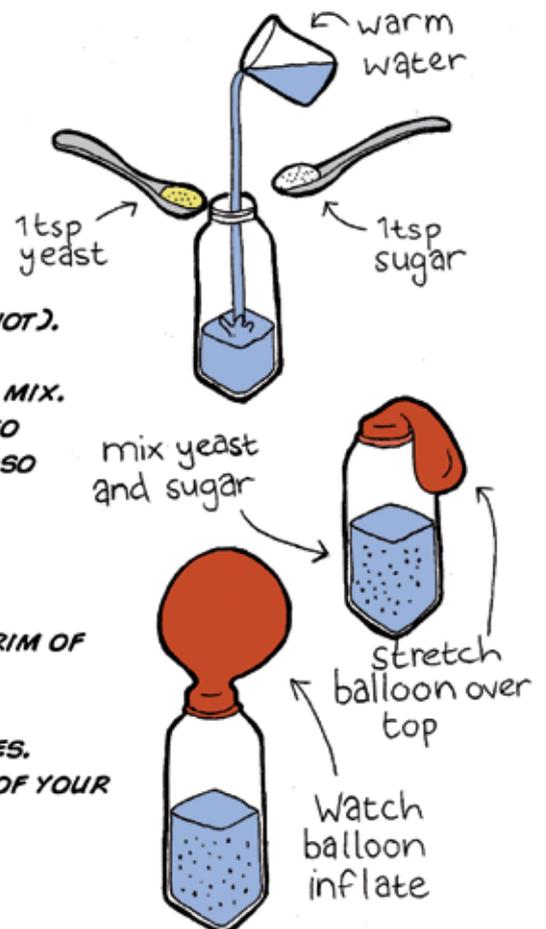
5. FILL THE BOTTLE ABOUT HALFWAY WITH WARM WATER (HAND HOT).

6. SCREW THE LID BACK ON TIGHTLY AND TURN UPSIDE DOWN TO MIX. IF YOU DON'T HAVE A LID FOR YOUR BOTTLE USE CLING FILM TO TIGHTLY COVER BEFORE MIXING (HOLD ON TO THE CLING FILM SO THAT A SEAL IS FORMED).

7. REMOVE THE LID (OR CLING FILM).

8. STRETCH THE NECK OF A BALLOON SO THAT IT FITS OVER THE RIM OF THE BOTTLE.

9. PUT THE BOTTLE IN A WARM PLACE FOR ABOUT 30-45 MINUTES. OBSERVE THE BOTTLE EVERY 5 MINUTES AND KEEP A RECORD OF YOUR OBSERVATIONS.



**WHAT HAS HAPPENED TO THE BALLOON?
CAN YOU GIVE A REASON FOR THIS?**

SAFETY

CHILDREN MUST NOT PUT ANYTHING INTO THEIR MOUTHS WHEN CARRYING OUT THE MICROBIAL INVESTIGATION YEAST POWER!

CHILDREN MUST WASH THEIR HANDS THOROUGHLY WITH SOAP AND WATER AFTER CARRYING OUT THE INVESTIGATION.

PLEASE BE AWARE THAT SOME PEOPLE MAY BE ALLERGIC TO YEAST.

DISPOSAL

THE LIQUID IN THE TUBES IS NON-HAZARDOUS. IT SHOULD BE DISPOSED OF LIKE ANY STANDARD KITCHEN MATERIAL, BY DILUTION. THE CONTAINERS SHOULD BE WASHED UP IN HOT WATER USING WASHING-UP LIQUID.