

# METHANE GAS LANDFILL EXPERIMENT!



With over 7 billion people on Earth, we need to help conserve and protect our environment. This experiment demonstrates the harmful effects of not composting organic waste properly!



## MATERIALS

- 4 PLASTIC OR GLASS BOTTLES - USING WHAT YOU ALREADY HAVE IN YOUR RECYCLE BIN IS A GREAT WAY TO HELP SUSTAIN THE PLANET.
- 3 DIFFERENT TYPES OF FRUIT OR VEGETABLE SCRAPS. WE HAVE RASPBERRIES, BANANAS, AND ONIONS.
- 4 BALLOONS
- TAPE
- WATER
- TIME



## PROCEDURE

1. MASH UP FRUIT AND/OR VEGETABLES.
2. PLACE FRUIT AND/OR VEGETABLES IN 3 OF THE 4 BOTTLES.
3. FILL THE 4TH BOTTLE WITH WATER TO 3/4 FULL.
4. COVER THE FRUIT AND VEGETABLES WITH WATER TO 3/4 FULL.
5. PLACE THE BALLOON OVER THE TOPS OF BOTTLES.
6. TAPE BALLOONS IN PLACE.
7. LEAVE THE BOTTLES IN A WARM PLACE AND OBSERVE AS THE FOOD BREAKS DOWN AND CREATES METHANE GAS, COLLECTED BY THE BALLOONS!

