SARSEF NOTEBOOK

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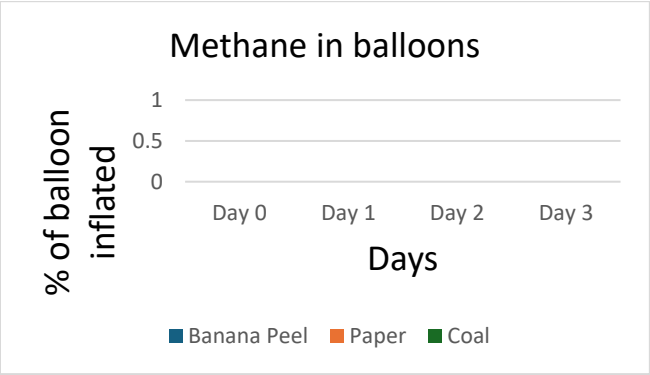
Procedure

1. A 2-inch banana peel was placed in an empty plastic water bottle.
2. A sample of 30 mL of soil was placed in the empty plastic water bottle.
3. The 30 mL of soil was mixed with the 2-inch banana peel for one minute.
4. A balloon was placed over the bottles lip to cover the plastic water bottle.
5. The plastic water bottle was labeled as “Banana Peel”.
6. A sheet of paper was wet for 10 seconds and compressed.
7. The compressed paper was left to dry for 12 hours.
8. The compressed paper was placed in a second empty plastic water bottle.
9. A sample of 30 mL of soil was placed in the second plastic water bottle.
10. The 30 mL of soil and the compressed paper were mixed for one minute.
11. A balloon was placed over the bottles lip to cover the plastic water bottle.
12. The plastic water bottle was labeled as “Paper”.
13. A small sample of coal was placed in a third empty plastic water bottle.
14. A sample of 30 mL of soil was placed in the third empty plastic water bottle.
15. The 30 mL of soil and coal were mixed for one minute.
16. A balloon was placed over the bottles lip to cover the plastic water bottle.
17. The plastic water bottle was labeled as “Coal”.
18. The plastic water bottle labeled “Banana Peel” was placed on a windowsill indoors.
19. The plastic water bottle labeled “Paper” was placed on a windowsill indoors.
20. The plastic water bottle labeled “Coal” was placed on a windowsill indoors.
21. Data was collected from each plastic water bottle after a 24 hour period for 3 days.
22. Data was collected based on how much each balloon inflated.

Materials

1. 3 recyclable plastic water bottles
2. 2-inch piece of a banana peel
3. A cut up piece of coal
4. A compressed piece of paper
5. 3 yellow balloons
6. A sharpie marker
7. 90 mL of soil

Data Tables and Graph



	Banana Peel	Paper	Coal
Day 0	0	0	0
Day 1	0	0	0
Day 2	0	0	0
Day 3	0	0	0

Pictures

24 hours/1 Day

48 Hours/2 Days

72 Hours/3 Days