



























# HOW MUCH LEAD NITRATES ARE PRESENT IN EAST WEST RAEFORD, N.C.

**Equipment**

**Materials and**

**Significance of the study**

**Hypothesis**

**Experimental Procedure**

**West Raeford**



## CLEAN IT THE RIGHT WAY!

This poster displays various cleaning products and their uses. It includes images of different types of cleaners, such as disinfectants, all-purpose cleaners, and specialty cleaners. The poster also features diagrams and text explaining the importance of proper cleaning techniques and the role of different cleaning agents in maintaining hygiene and safety.

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# SCIENCE SMOKEY

Does Cigarette smoke affect plant growth?

## Materials

- 2 Collinson Plants
- Aluminum foil
- 2 packs of Pall Mall Cigarettes (the real kind)
- Clear plastic aquarium
- 30 cent
- Tape measure
- Log book
- Pencil or Pen

## Procedure

1. Gather material listed
2. Measure and place your "control" plant
3. Measure each plant's log
4. Place collinson plant in plastic aquarium
5. Insert with smoke from other cigarette
6. Repeat step 1, but use second cigarette
7. Repeat, measure and record data

## Variables

Independent Variable - Cigarette Smoke  
 Dependent Variable - Plant Growth  
 Control Variable - Water, sunlight, temperature, and the amount of soil  
 Control Group - Plant A  
 Experimental Group - Plant B

## Conclusion

Research shows that cigarette smoke kills approximately 400,000 people a day. 1/3 of that goes to children and babies. The amount of the poison from that smoking goes higher, like people, it kills plants too. During the experiment, we saw the second plant (cigarette) make the plants as tall as the control plant (no cigarette) and 1/2 of the height of the first (cigarette) control. We saw that the plants were able to resist the smoke from the cigarette. The plants that were not exposed to smoke were the tallest. The amount of smoke was used to show how the plants depend on the smoke and if it was used to show the plants that were not exposed to smoke. The plants that were not exposed to smoke were the tallest. The plants that were not exposed to smoke were the tallest. The plants that were not exposed to smoke were the tallest.

## Discussion

Research shows that cigarette smoke kills approximately 400,000 people a day. 1/3 of that goes to children and babies. The amount of the poison from that smoking goes higher, like people, it kills plants too. During the experiment, we saw the second plant (cigarette) make the plants as tall as the control plant (no cigarette) and 1/2 of the height of the first (cigarette) control. We saw that the plants were able to resist the smoke from the cigarette. The plants that were not exposed to smoke were the tallest. The plants that were not exposed to smoke were the tallest. The plants that were not exposed to smoke were the tallest.

## Results



## Data

Day	Control Group	Experimental Group
9/23	1.5in	1.5in
9/30	1.6in	1.1in
10/7	1.6in	1.1in
10/14	1.4 to 1.5in	1.1in
10/21	1.4 to 1.5in	1.1in
10/28	1.3 in	1.1 in
10/21	1.5in	1.1 in



## Hypothesis

I hypothesized that the plants that were not exposed to smoke would be taller than the plants that were exposed to smoke.

