



4-H SMELLY PREDICTIONS

Instructions

Read the following out loud:

“There are small particles, or tiny things, that float in air that we cannot see. When we breathe them in, we may not know. What are some things we breathe in that may be harmful to us? (answers: smoke, smog, gas, germs, etc.) Let’s make some predictions about these invisible airborne particles. “

Round #1:

1. Ask: *If I spray this air freshener at the front of the room, how far back do you think we will be able to smell it?*

- Tell participants to raise their hand if they think they will be able to smell it.
- Spray the room with air freshener. Tell participants to raise their hand if they can smell the room freshener?
- How far away can you smell it? For how long?
- Now what if these were the germs someone was breathing out? Walk around the room and spray it like you were breathing out. Repeat questions from #1.

Round #2:

2. Ask: *How could we reduce the number of particles that are now in the air?* (Answer: open a window and/or door, turn on a fan).

- Then open the windows and/or doors and turn on any fans. Ask students if they can still smell the room freshener? How far away can you smell it? For how long?

Round #3:

3. Ask: *How would this be different if we were outside? How far do you think we could smell it?*

- Take the group outside, and repeat like step #1. Ask students if they can still smell the room freshener outside? How far away can you smell it? For how long?

Materials Provided

- Air freshener

Materials Needed

- None

Set Up

Find an inside and open outside area to play part of this game.

Objective

Participants will learn how proper ventilation reduces the build up of germs in a room or enclosed space.

Reflection: Ask Participants these Questions

- *Where does it smell the least? (Answer: outside)*
- *How does this relate to breathing in other people's germs? (Answer: germs disperse in longer more open spaces, so we likely won't breath in as many. This reduces the chance we will get sick.*
- *What can you do in different circumstances to reduce the chance of breathing something bad in? (Answer: wear a mask, stand far away from others, open windows and doors, turn on fans, use an air purifier, go outside).*
- *What can you do to fight off bad illness-causing germs more quickly if you still breathe some in? (Answer: get vaccines, eat well, get enough sleep, move your body a lot every day, drink enough water, etc.)*



Survey

Leader, please fill in the following

Name of the club: _____

Total number of participants: _____

Age range of participants: _____

How much fun was this activity? Circle one: [None at all/ A little/ A fair amount/ Quite a bit/ A lot]

Smelly Predictions Feedback Questions

Read the questions below to your group. Have them raise their hand or stand up if they think the answer is yes. Count how many people raised their hand.

1. Was this activity fun? Yes # _____ / No # _____
2. Does opening a window or door help to get germs out of a room ? Yes # _____ / No # _____

Instructions to Return Survey

Please have your Youth Officer or Community Club Leader complete the survey and return them to The State 4-H Office. We will provide \$80 to each 4-H Community Club that completes at least two of these healthy living activities, and submits the evaluation for each activity, by June 15, 2022. A pre-stamped, self addressed envelope is provided for your convenience. Surveys can be mailed to Roshan Nayak, 2801 2nd Street, Davis, CA 95618 or scan copies and email them to rknayak@ucanr.edu.