



South Coast Air Quality Management District

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Office of the Executive Officer

Wayne Nastri

909.396.2100, fax 909.396.3340

Dear Educator:

The South Coast Air Quality Management District (South Coast AQMD) would like to thank you for your participation in the Why Healthy Air Matters (WHAM) Program.

The WHAM program seeks to increase students' awareness and knowledge of air quality issues and empower them to make positive changes in their communities. The program also strives to inspire students' interest in air quality and science.

The South Coast AQMD's mission is to clean the air and protect the health of all residents living in the region. We have a long history of educational outreach to residents through programs and events, all of which have been effective in raising awareness about air quality issues within the region.

Please complete the attached questionnaire and return it to Monika Kim at mkim@aqmd.gov at least 30 days prior to your anticipated program start date or as soon as possible. Once we receive your documents, a staff member will reach out to coordinate next steps.

If you have any questions or concerns, please contact Monika Kim at 909-396-2342 or mkim@aqmd.gov.

Thank you again for participating in the WHAM Program.

Sincerely,

A handwritten signature in black ink, appearing to read "Wayne Nastri".

Wayne Nastri
Executive Officer

DJA:MJK-072019

Cleaning the air that we breathe...

Onboarding Questionnaire

Thank you for your participation in the South Coast Air Quality Management District's **Why Healthy Air Matters (WHAM) Program**. The questionnaire below will help us match a South Coast AQMD staff member with your classroom. Please complete and return this form to Monika Kim at mkim@aqmd.gov at least 30 days prior to your anticipated start date or as soon as possible.

Instructor Name: _____

School: _____

E-mail Address: _____

Phone Number: _____

Which grade(s) and class(es) are participating in the WHAM program?

Do you have a computer with internet access in your classroom? Yes No

If you have a computer in your classroom, does the computer have a firewall? Yes No

Do you have Wi-Fi in your classroom? Yes No

Do you want a South Coast AQMD staff member to co-teach the curriculum in your classroom? *Please note that the staff member will be available for one class period per unit only.* Yes No

The WHAM program consists of eight units. Teachers may select the units they wish to teach based on best fit with their classroom objectives and time availability. Please indicate which units you are most likely to teach and the most important aspect of the unit for your classroom (for example: math, chemistry, civic duty, etc.)

1. Our Air and Pollution

This section provides background information on air pollution.

What aspect of this unit is most important? _____

2. Particle Pollution

This section gives students the opportunity to look at particles under a microscope or a hand lens.

What aspect of this unit is most important? _____

3. Particle Sources

This section covers sources of particle pollution and identification of particle sources. Students look at particles under a microscope or a hand lens and identify the sources of the pollution.

What aspect of this unit is most important? _____

4. Health Effects of Particles

This section covers how particles can affect human health. Students measure their FEV1 and FVC ranges to determine their lung capacity.

What aspect of this unit is most important? _____

5. Measuring Particles

This section covers how particles are measured. Students use a vacuum cleaner to collect and measure particles.

What aspect of this unit is most important? _____

6. Field Measurements

This section gives students the opportunity to measure particles using the AirBeam2 monitor.

What aspect of this unit is most important? _____

7. Interpret Your Data

This section covers finding trends in collected data to reach conclusions on how to clean up the air.

What aspect of this unit is most important? _____

8. Be Part of the Solution

This section covers how students can get involved, what they can do to help reduce emissions and how they can effect positive change.

What aspect of this unit is most important? _____

When do you expect to teach the WHAM program in your classroom? Over what period of time, and how frequently will you be teaching the WHAM program? (For example: once a week in the month of May.)
