



Air Quality Workshop

(date)

(location)

(date)

(room)

8:30 - 9:00 am	Registration/Coffee/Pre-test
9:00 - 9:20 am	Welcome - Introductions- Ice Breaker -
9:20 - 9:30 am	Workshop Objectives
9:30 - 10:15 am	Air Quality Management - (an overview of air quality management in the US)
10:15 - 10:30 am	BREAK
10:30 - 11:15 am	Nature of Air - (Properties of Air - set up 4 stations - divide teachers into 4 groups and have them rotate every 15 minutes or so - do the table lift last which is always a big hit)
11:15 - 12:00 pm	Field Testing for Ozone - (give overview and make Schoenbein testing strips - hang strips outside - weather permitting)
12:00 - 1:00 pm	LUNCH
1:00 - 1:30 pm	How Air Pollution is Affecting Our Health (speaker)
1:30 - 2:15 pm	EPA's Green Building and Sustainability Practices Tour (you could use this time for additional activities inside or outside.)
2:15 - 2:30	BREAK
2:30 - 3:05 pm	Don't Take a "Lichen" for Pollution
3:05 - 3:35 pm	Lung Capacity
3:20 - 3:35 pm	Read Ozone Strips
3:35 - 3:45 pm	Recap the day, share some resources, etc.
3:45 - 4:00 pm	Q&A's, Wrap up and Dismissal



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9:00 - 10:30 am	Carbon Footprints & Sustainable Solutions												
10:30 - 10:45 am	BREAK												
10:45 - 12:00 pm	Air Quality Index and EnviroFlash AQI for Kids, Smog City 2, Air Pollution: What's the Solution? Why is Coco Orange? School Flag Program <i>(These resources are all found online - so we did a quick intro to each one.)</i>												
12:00 - 1:00 pm	LUNCH												
1:00 - 2:15 pm	<p><u>Environmental Extravaganza</u> All three concurrent sessions will begin at 12:50 pm and will rotate every 20 minutes.</p> <ul style="list-style-type: none"> ➤ At 12:50 - 1:10 pm, Group 1 - Aud. Alcove; Group 2 - Aud. A; Group 3 - Aud. B ➤ At 1:10 - 1:30 pm, Group 1 - Aud. A; Group 2 - Aud. B; Group 3 - Aud. Alcove ➤ At 1:30 - 1:50 pm, Group 1 - Aud. B; Group 2 - Aud. Alcove; Group 3 - Aud. A <table border="0"> <thead> <tr> <th><u>Group</u></th> <th><u>Starting Location</u></th> <th><u>Sessions</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Auditorium Alcove</td> <td>Part 1: Air Inversion Part 2: Collecting Particles K-12</td> </tr> <tr> <td>2</td> <td>Auditorium A</td> <td>Part 1: Trash Talk Part 2: Sum of the Parts</td> </tr> <tr> <td>3</td> <td>Auditorium B</td> <td>Part 1: Climate Change Part 2: Energy Conservation</td> </tr> </tbody> </table>	<u>Group</u>	<u>Starting Location</u>	<u>Sessions</u>	1	Auditorium Alcove	Part 1: Air Inversion Part 2: Collecting Particles K-12	2	Auditorium A	Part 1: Trash Talk Part 2: Sum of the Parts	3	Auditorium B	Part 1: Climate Change Part 2: Energy Conservation
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2:15 - 2:30 pm	BREAK												
2:30 - 3:00 pm	Your State's Air Quality <i>(How your state manages air quality and any outreach programs available for students and teachers.)</i>												
3:00 - 3:30 pm	Whirling Swirling Air Pollution <i>(A culminating activity that is fun and interactive.)</i>												
3:30 - 4:00 pm	Q&A's, Post Test, Distribute Resources, Certificates, Evaluation, Wrap up and Dismissal												