


<p>Objective: Allow children to apply what they've learned by monitoring air quality outdoors / indoor</p>	<p>Key vocabulary: unit, mass, readings, monitoring, quality.</p>	<p>Resources, Links, Videos</p>
<p>Warm up: What is air quality monitoring kit? How do we use it? Why do we use it? Any terminology related to it? Eg unit of measure??</p>		<p>Air Quality in the United Kingdom (ukairquality.net)</p>
<p>Activity:</p> <ul style="list-style-type: none"> • Divide the class into small groups. • Go outside if using Air quality monitoring units, to different areas around the school (e.g., near a road, in the playground, near plants) or conduct surface wipe analysis in the classroom (e.g. near window, door, high / low surfaces). • Each group uses the monitoring kits to take readings. • Record the readings / mass of dust particles on worksheets. 		<p>Home - Defra, UK</p>
<p>Plenary: Share findings with the class. What do we notice – where was the air quality the best? Worst? Why do you think that may be?</p>		
<p>Additional Tips: Safety: Ensure all outdoor activities are supervised and that children are aware of safety protocols. Adaptation: Adjust the complexity of the content and activities based on the age and comprehension level of the students. Interactive Elements: Incorporate more interactive elements like games or quizzes if time allows. Follow-up: Consider a follow-up lesson on steps everyone can take to improve air quality.</p>		
<p>Materials Needed:</p> <ul style="list-style-type: none"> - Simple air quality monitoring kits (e.g., handheld sensors, DIY kits) - Surface wipe analysis – tape measure (120cm long), Cotton Wool, sticky tape. - Paper and pencils - Coloured markers - Access to an outdoor area - Worksheets for recording observations 		



Clean Air Schools Programme

