


<p>Objective: Explain the effects of poor air quality on health and the environment.</p>	<p>Key Words: Environmental -Pollution types (PM 2.5 fine particulate matters. PM10 Coarse particulate matters. Ozone. Nitrogen Dioxide. Volatile Organic Compounds-VOC) Climate Change - (Greenhouse Gases, Carbon Footprint, Global Warming). Visibility & Aesthetics (reduce visibility, Haze. Health – Respiratory, cardiovascular, allergies,</p>	<p>Links & Resources</p> <p>Air Quality in the United Kingdom (ukairquality.net)</p> <p>Home - Defra, UK</p> <p>Videos</p> <p>Air Pollution for Kids Learn about the Causes and Effects of Air Pollution (youtube.com)</p> <p>Effect of Air Pollutants on Health Environmental Chemistry Chemistry FuseSchool (youtube.com)</p> 
<p>Is clean air important? Why do you think?</p> <ul style="list-style-type: none"> • Show pictures of clean vs. polluted air. • How are they the same? Different? • What do you think will happen if you are in these areas? Which one do you think you would like to live in? Why? Which one would you prefer not to be in? Why? 		
<p>Activity:</p> <ul style="list-style-type: none"> • Ask the children to sort or discuss the pictures. Which pictures appear clean air and polluted air. • Ask them to research into how air quality can affect health and the environment. (Have sources for them to look at – internet sites, appropriate books, leaflets etc) 		
<p>Plenary</p> <p>What did you find out?</p> <p>Reinforce how air quality can affect health (e.g., breathing problems, allergies) and the environment (e.g., plants, animals).</p>		
<p>Additional Tips:</p> <p>Safety: Ensure all outdoor activities are supervised and that children are aware of safety protocols.</p> <p>Adaptation: Adjust the complexity of the content and activities based on the age and comprehension level of the students.</p> <p>Interactive Elements: Incorporate more interactive elements like games or quizzes if time allows.</p> <p>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"> - Paper and pencils - Internet access for additional resources and videos 		

