

EaD Comprehensive Lesson Plans



or



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BASIC 9

WEEKLY LESSON PLAN – WEEK 1

Strand:	Environment		Sub-Strand:		Environmental Issues	
Content Standard:	B9.1.1.1. Demonstrate skills in dealing with environmental challenges					
Indicator (s)	B9.1.1.1.1. Examine air pollution as an environmental challenge		Performance Indicator: Learners can apply techniques to stop activities that results in air pollution.			
Week Ending	13-09-2024					
Class	B.S.9	Class Size:		Durati on:		
Subject	Social Studies					
Reference	Social Studies Curriculum, Teachers Resource Pack, Learners Resource Pack, Textbook.					
Teaching / Learning Resources	Poster, Word Chart, Video and Pictures		Core Competencies:	<ul style="list-style-type: none">• Critical Thinking• Problem Solving• Communication and Collaboration.		
DAY/DATE	PHASE 1 : STARTER	PHASE 2: MAIN			PHASE 3: REFLECTION	
WEDNESDAY	Discuss with Learners about the meaning of “Air Pollution”.	<div>1. Show Learners pictures and video of activities that lead to air pollution.</div> <div>2. Learners brainstorm to identify examples of activities that lead to air pollution.</div> <div>3. Discuss with the Learners on the types of air pollution and their examples.</div> <div>4. Using a word chart, explain the meaning of Indoor air pollution to the Learners.</div> <div>Air pollution is the contamination of air due to the presence of substances in the atmosphere that are harmful to the health of humans and other living beings, or cause damage to the climate or to materials</div> <div>Causes of Air Pollution;</div> <div>1. The Burning of Fossil Fuels</div> <div>Most of the air pollution takes place due to the incomplete burning of fossil fuels. These include coal, oil, and gasoline to produce energy for electricity or transportation</div> <div>2. Industrial Emission</div> <div>Industrial activities emit several pollutants in the air that affect the air quality more than we can even imagine. Particulate matter 2.5 and 10, NO2, SO2, and CO are key pollutants that are emitted from industries that use coal and wood as their primary energy source for the production of their goods.</div> <div>3. Indoor Air Pollution; Use of toxic products also called Volatile Organic Compounds (VOCs), inadequate ventilation, uneven temperature, and humidity level can cause indoor air pollution, whether you are in an office, school, or at your comfortable home.</div> <div>4. Wildfires</div> <div>Climate change is not just increasing wildfire</div>			<div>Through questions and answers, conclude the lesson.</div> <div>Exercise</div> <div>Explain 5 causes of Air Pollution.</div>	

		<p>but also spiking air pollution. Burning stubble and farm residue is also a major contribution to wildfire. It causes increased PM2.5 in the air which collides with other harmful substances like chemical gas and pollen creating smog.</p> 	
FRIDAY	Review Learners knowledge on the previous lesson.	<ol style="list-style-type: none"> 1. Learners brainstorm to identify examples of diseases that are gotten from air pollution. 2. Discuss with the Learners on the effects of air pollution to individuals and the nation as a whole. 3. Assist Learners to describe 5 ways to prevent air pollution.  <p>Effects of Air Pollution;</p> <p>1. Respiratory and Heart Problems</p> <p>The effects of air pollution are alarming. They are known to create several respiratory and heart conditions like asthma, chronic bronchitis, emphysema, heart attacks and strokes along with cancer, among other threats to the body. Several million are known to have died due to the direct or indirect effects of Air pollution.</p> <p>2. Child Health Problems</p> <p>Air pollution is detrimental to your health even before you take your first breath. Exposure to high</p>	<p>Learners brainstorm to identify the roles of the various agencies to help stop air pollution.</p> <p>Exercise;</p> <ol style="list-style-type: none"> 1. State 5 effects of air pollution. 2. Explain 5 ways to prevent air pollution.

		<p>air pollution levels during pregnancy causes miscarriages as well as premature birth, autism, asthma and spectrum disorder in young children.</p> <p>It also has the potential to damage early brain development in a child and cause pneumonia that kills almost a million children below 5 years. Children are at a greater risk of short term respiratory infections and pulmonary diseases in areas exposed to air pollutants.</p> <p>3. Global Warming</p> <p>Another direct effect is the immediate alterations that the world is witnessing due to global warming.</p> <p>With increased temperatures worldwide, an increase in sea levels and melting of ice from colder regions and icebergs, displacement, and loss of habitat have already signaled an impending disaster if actions for preservation and normalization aren't undertaken soon.</p> <p>4. Acid Rain</p> <p>Harmful gases like nitrogen oxides and sulfur oxides are released into the atmosphere during the burning of fossil fuels. When it rains, the water droplets combine with these air pollutants, becomes acidic and then falls on the ground in the form of acid rain. Acid rain can cause great damage to humans, animals, and crops.</p> <p>5. Eutrophication</p> <p>Eutrophication is a condition where a high amount of nitrogen present in some pollutants gets developed on the sea surface and turns itself into algae and adversely affects fish, plants, and animal species.</p> <p>The green-colored algae that are present on lakes and ponds are due to the presence of this chemical only</p>	
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School:

District: