



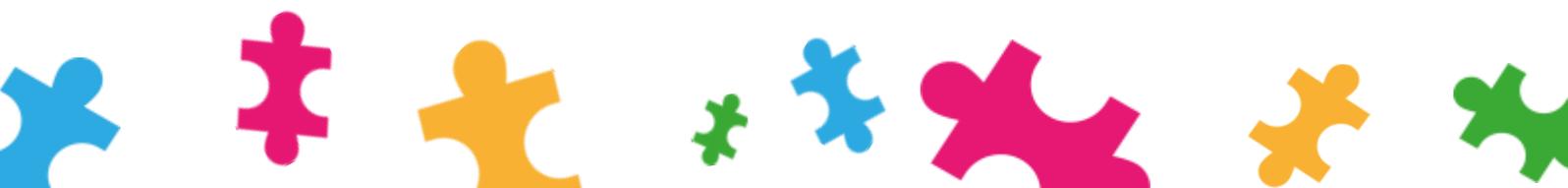
WebQuest

Introductory Level - Fossil Fools

prepared by UPIT



WEBQUEST TITLE:	We are what we breathe
WEBQUEST LEVEL	Introductory level
INTRODUCTION	
<p>There are various environmental issues that affect our world. Air pollution is a major problem that affects us every day. The effects of air pollution can have devastating consequences for our health and the environment.</p> <p>You can search the sites to find out more about air pollution. You will work in groups of three to discover information about air pollution.</p> <p>You'll watch videos, do activities, and share what you've learned just like real scientists.</p> <p>When the research is complete, you will create a project on air pollution and what you can do to reduce air pollution.</p>	
TASKS	
<p>Your job is to create a project that explains air pollution, the causes, effects, and ways in which people can help reduce air pollution.</p> <p>You will be responsible for answering a few questions about your project.</p> <p>We're going to watch a video about air pollution. Then you will reinforce your learning by completing a few worksheets. Finally, you will work together in groups to create a project on air pollution.</p>	
PROCESS	
<p>First, read all the instructions below. Then, follow the steps to complete the webquest project. The required resources are on this page</p> <p>Step 1: Research</p> <p>Each member of your group will be assigned a different topic to investigate using the resources below.</p> <p>Watch the YouTube videos below in the resources section. Make sure you have a piece of paper and a pencil in your hand to note what air pollution is, the types, causes, effects of air pollution, as described in the video, as this will help you later in your project.</p> <p>Causes and effects of air pollution: https://youtu.be/YjtgU2CxtEk</p>	



Causes of air pollution <https://youtu.be/fephtPt6wk>

Air pollution: <https://youtu.be/sAKyhfxxr7s>

[\(28\) Ecoterrestrial School - AIR POLLUTION Lesson - YouTube](#)

Check out the site resources posted for you. Make sure you review every section of your website and write down some interesting facts that you find while researching.

Air pollution can result from both natural causes and human activities. Find out how industrial activities, burning fossil fuels and household activities, etc. Can damage air.

Nearly 2.4 million deaths each year are attributed to air pollution. Air pollutants can be solid particles, liquid droplets or gases.

Air pollution and health <https://europeanlung.org/wp-content/uploads/2021/01/outdoor-air-pollution-ro.pdf>

What is air pollution <https://stratos.ro/ce-este-poluarea-aerului-si-cum-o-putem-combate/>

<https://www.reginamaria.ro/articole-medicale/aerul-pe-care-il-respiram-esential-dar-nociv>

How can we reduce air pollution?

Video-<http://www.youtube.com/watch?v=Cf1wNVguvLQ>

Step 2: Individual work

To help you summarize your research, complete the worksheet!

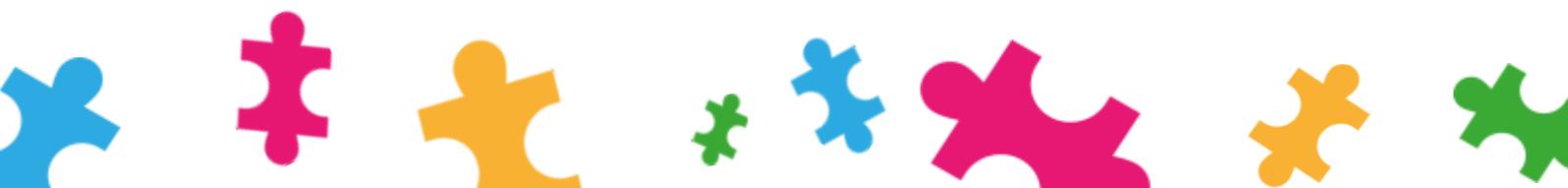
Individual worksheet

- 1. Name 5 causes of air pollution!**
- 2. Name 5 effects of air pollution on people and the environment!**
- 3. Describe 5 ways to reduce pollution for the causes and effects specified in points 1 and 2!**

Step 3: Carrying out the project

Form groups of 3 students each. Each group will receive a team related to an aspect of air pollution, on which to base their project.

Each student in your group will have a role. You will decide as a group who will perform each



task. One person will be the data administrator (the person who enters the data into the computer), another will be the resource manager (the person who collects, saves and retrieves the necessary data), and one will be the planning / time manager (the person who plans the strategy for project and motivates everyone). Everyone will be responsible for contributing ideas and resources.

Be creative. Remember to use the resources you gathered earlier to help you.

EVALUATION

You will be evaluated according to the following criteria:

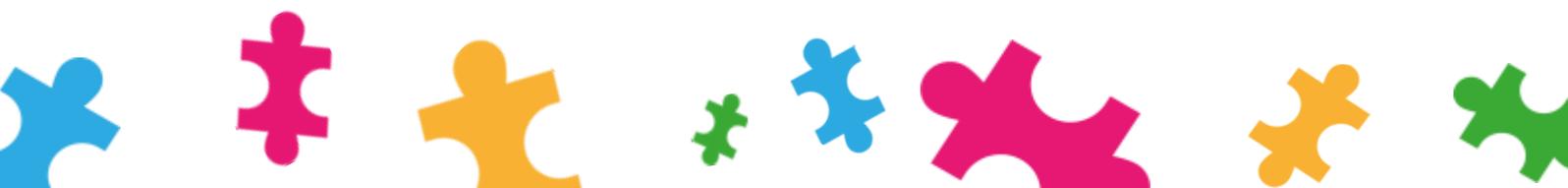
	unsatisfactory	satisfactorily	good	very well	puncture
Can give a detailed explanation of air pollution	The explanation does not include air pollution issues	The explanation includes 1 aspect about air pollution	The explanation includes 2-3 aspects about air pollution	The explanation includes 4-5 aspects about air pollution	
Can discuss the causes and effects of air pollution	It cannot discuss any cause or effect of air pollution	Can discuss 1 cause and 1 effect of air pollution	Can discuss 2-3 causes and effects of air pollution	Can discuss 4-5 causes and effects of air pollution	
He can discuss ways in which people can help reduce air pollution	He can't talk about ways to reduce air pollution	Can discuss 1 way to reduce air pollution	Can discuss 2-3 ways to reduce air pollution	Can discuss 4-5 ways to reduce air pollution	

CONCLUSION

Congratulations!

Did you learn about:

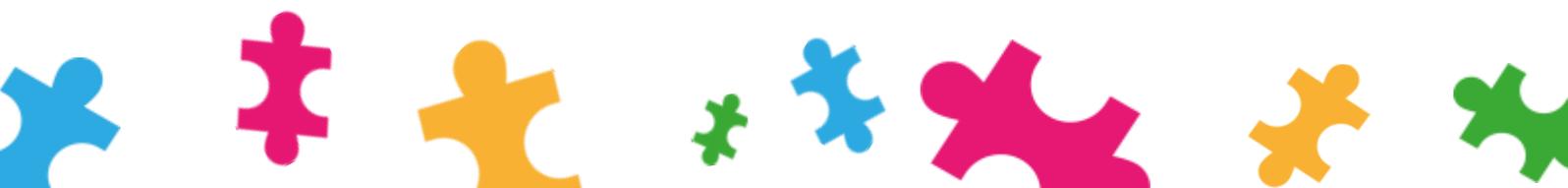
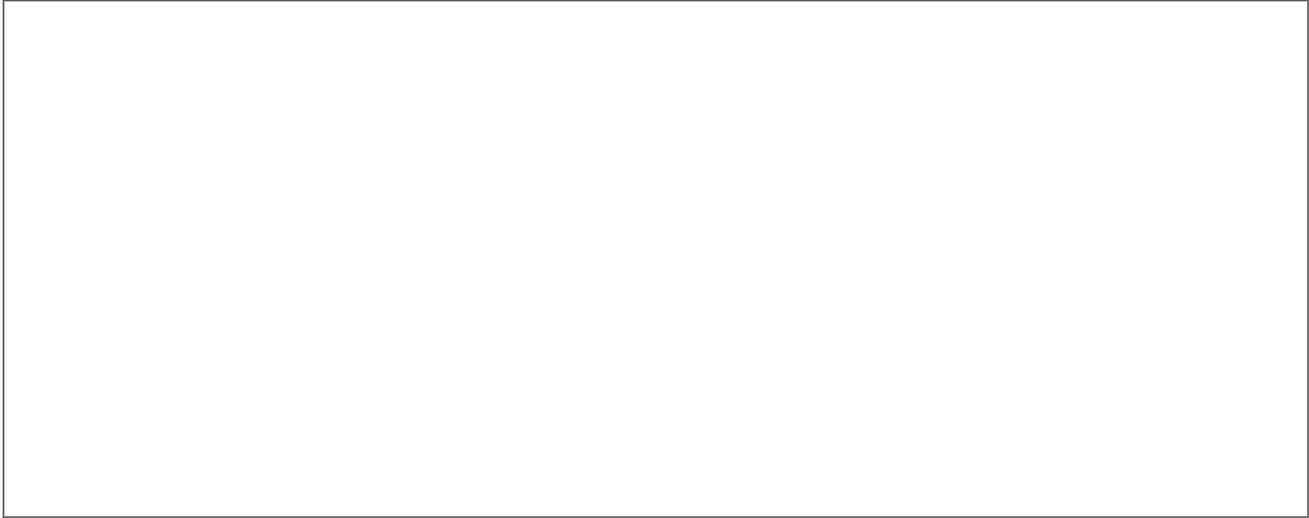
- The air pollution
- Causes of air pollution
- The effect of air pollution
- How to reduce air pollution





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Challenge-based Learning in Primary Schools for Climate Change Awareness



Istituto Comprensivo "Don Milani" di Lanciano



AKLUB



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