

Key Stage 1 (Year 1 & 2)

GEOGRAPHY

Lesson 2: "The quality of the air in rural and urban areas"

Length of Lesson: 30 minutes

National Curriculum in England, for teaching from September 2015

Curriculum Topic: Place Knowledge; Geographical Skills and Fieldwork

[https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/425601/](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/425601/PRIMARY_national_curriculum.pdf)

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CURRICULUM

Place Knowledge.

Statutory requirements: To understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country.

CURRICULUM

Geographical skills and fieldwork.

Statutory requirements: Use of aerial photographs and plan perspectives to recognise landmarks and basic human and physical features.

LESSON PLAN

Start the class by showing the class a clear plastic box, with nothing inside. Ask the class what is inside: the answer is AIR. Next write the definition of Ambient Air on the board:

Ambient Air = the outdoor air present in the surrounding environment

Explain to the class that when we are inside, and outside, there is always air around us, but that the quality of the air can change in each environment. The students are introduced to the idea that the quality of ambient air can vary between different places, and can be clean or dirty. Add to the board:

Clean air has good gases that we need to live healthily

Dirty air has bad gases that can make us sick.

Split the class up into pairs or small groups and hand out the print out photographs provided. There are a total of 4 sets of images, two from the UK and two from India, which can be mixed and matched. Ask the class to describe the difference between the four locations (two are cities, two are villages). Get them to think of why they are different (what they can see in one image that is not present in the other) and what it would be like to live in either of these (10 minutes).

Bring the class back together and ask each pair or group to give feedback on what they have come up with. Explain to the class how in cities (London, Delhi) there is a lot of traffic and factories, a big population and therefore the air is not as clean as in the more quiet, vegetative towns with less buildings and traffic and a smaller population density. (5 min)

As an extra activity, ask the children to point on a map where the UK is, and if the class is capable, where India and North America is (2 min).

LESSON OBJECTIVES

- To understand what air is, what makes air clean and what makes it dirty.
- Compare the differences between cities (urban) and the countryside (rural). Map the location of the photographs provided.

LESSON REQUIREMENTS:

- Handout of UK and India images for pairs / groups (*attached resource*).
- Whiteboard
- Clear plastic box

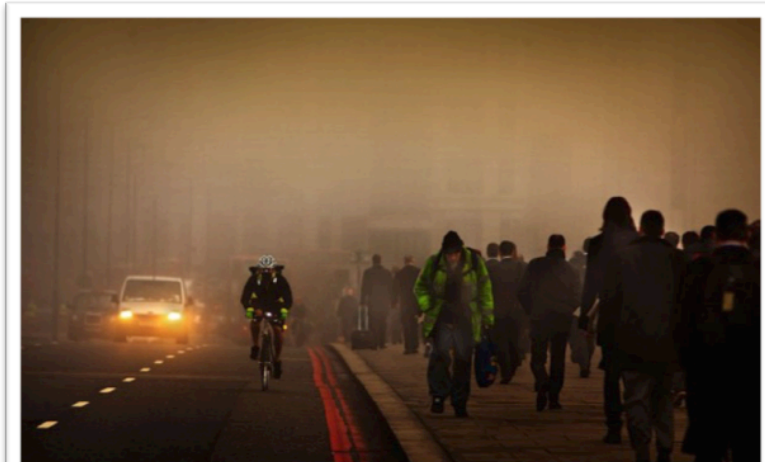
**Take a look at these pictures,
can you tell the difference?**

**What is causing these
differences?**

**What are they both like to
live in?**

**Discuss with your neighbour
and write down your
answers.**

London, UK



Delhi, India



Lake District, UK



Korta, India

