

Key Stage 2 (Year 3 & 4) GEOGRAPHY

Lesson 1: "Sources of air pollution"

Length of Lesson: 40 minutes

National Curriculum in England, for teaching from September 2015

Curriculum Topic: Locational Knowledge; Place Knowledge; Human and Physical Geography

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/425601/PRIMARY_national_curriculum.pdf pages 186 - 187

CURRICULUM

Locational Knowledge

Statutory requirements: locate the world's countries, using maps to focus on Europe and North America.

CURRICULUM

Place knowledge

Statutory requirements: understand geographical similarities and differences through the study of *human* and *physical* geography of a region of the United Kingdom, European country, & a region within North or South America.

CURRICULUM

Human and Physical Geography

Statutory requirements: describe and understand key aspects of: physical geography, including climate zones, vegetation belts, water cycle & human geography including types of settlement and land use, economic activity including trade links, distribution of natural resources.

LESSON PLAN

At the start of the lesson, split the class into pairs or small groups. Each group is given a printed copy of the resource available. Get the groups to look at both sets of photos and answer the 16 questions that follow in the spaces provided.

Once the students have all finished the questions, bring the class back together and ask each group (picking one speaker for each) to give feedback of what they have discussed and written down for one or two of the 16 questions. Make sure that each group is given enough questions to answer to the class.

Before the end of the lesson, ensure that all the bases have been covered such as population density, development, hygiene, the roles of traffic and factories in polluting our air.

The aim is to get the class thinking about air pollution and where it all comes from. In this class students will learn about what it is that we pump into the atmosphere, and that the atmosphere and the air that we breathe can be clean and polluted.

As an extra activity you can ask the students to point on a map where the UK and North America are. There is also a homework exercise that can be given to the students at the end of the class:

Homework

Ask the class to talk to their parents when they are at home and ask whether they take part in outdoor activities that pollute the air. Make a list of 4 points and draw a picture of these activities (e.g. driving a car, flying on holiday, using plastic and creating waste).

LESSON OBJECTIVES

- Introduce students to the idea of air pollution, what it is and where it comes from.
- Learn about what makes up the air we breath
- Be able to compare what it's like to live in different places and why they are different.
- Be able to point on a map the location of the pictures (Europe and North America).

LESSON REQUIREMENTS:

- KS2 resource,
- Map of the world,
- Pencils
- Exercise book and pencils for drawing