**LESSON PLAN: AIR - SMOG**

 **Subject : English, year 9**

**The aim of the lesson(s)**  is to introduce the vocabulary connected with AIR and give some interesting and useful information about AIR and how the poor air quality may influence our health. To introduce the term SMOG and explain the reasons and consequences of the phenomenon on the example of Great Smog 1952 in London.

**The topic will be continued by another topic of CLIMATE – GLOBAL WARMING.**

**LESSON 1**

 **Task 1: Reading/ practicing words connected with AIR.**

Aerosol hydrogen nitrogen photosynthesis

Carbon meteoorid organizm pollen

Dioxide microbe ozone sulphur

Humidity neon

**LEARN, PRACTICE,** **PLAY:** <https://quizlet.com/482760492>

**Task 2: Read the text and answer the questions:**

**Which paragraph**

1. **explains how the air helps prevent the harmful effecta of the sun?**
2. **makes it clear why people should sometimes stay indoors?**
3. **explains the process of breaving?**
4. **describes the chemical composition of the air?**
5. **looks at negatiive aspects of a gas?**
6. **explains that there’s more in the air than just gas?**

**TEXT:** WORKSHEET 1 and WORKSHEET 2 / text from “I Love English 7“ by Ü. Kurm and E. Soolepp, Studium 2018

**Task 3 – Detailed work with the text: reading, translating, new words/ phrases.**

**HOME TASK:**

**Worksheet 3.**

**LESSON 2**

**Task 1**

Revision of the new words.

**Quizlet:** <https://quizlet.com/482760492>

**Task 2**

Worksheet 3 + Discussion of the text using new phrases and words. Discussion about the subtitles of the paragraphs.

Revise and play with the new phrases.

<https://quizlet.com/482773718>

**Task 3**

**Questions for the further discussion and using the new information and new phrases:**

1. What’s the chemical composition of air in the Earth’s atmosphere?
2. What contributes to air pollution?
3. What happens during the process of respiration?
4. What are the primary sources of CO2?
5. How are rain and humidity connected?
6. Why is air pressure high at sea level?
7. How does air protect the Earth?
8. How do bioaerosols travel through the air?
9. What causes poor air quality?

**HOME TASK:**

**New words and phrases – learn and use them when answering the questions/ talking about air. The titles of the paragraphs on *worksheet 3* can be used as prompts.**

**LESSON 3**

**Task 1**

Students in turns discuss the topic of air.

Word test.

**Task 2**

**DISCUSSION**

1. What causes poor air quality in Estonia? What are the most polluted areas – why?
2. How’s the situation in our area? / in the country?
3. When should people avoid being outside?
4. What are the benefits of smoking ban in public places?
5. Do you think air pollution will be a bigger issue in fifty years than it is now? Explain.

**Task 3**

**The Great Smog of 1952 in London**

**Video 1:** <https://www.youtube.com/watch?v=4fkcTA7YX44>

**Watch, listen and find answers:**

1. What is smog?
2. How is it dangerous for people’s health?
3. What happened in London during the smog?
4. How many people were killed by the Great Smog of 1952?

**Video 2**

 <https://www.youtube.com/watch?v=pX4uqLIJn5c>

**Watch, listen and complete the sentences:**

1. The Great Smog of 1952 is also called …………………………………………………………………
2. The smog moved away when ……………………………………………………………………………..
3. In one East End area you couldn’t even see ……………………………………………………….
4. Two trains collided ……………………………………………………………………………………………..
5. All transportation in the area was halted after …………………………………………………..
6. That weekend, thousands of people…………………………………………………………………..
7. There was a similar smog event …………………………………………………………………………