**Erasmus+ project 2018-2020
2018-1-HR01-KA229- 047516
Stop Climate Change – Together Europe Achieves More

LESSON PLAN**
**Lesson:** What Can I Do To Reduce My Carbon Footprint?

**Teacher:** Justyna Wrześniowska-Choszcz, Primary School no 12, Gdynia, Poland
**Time:**  45 minutes
**Level**: pre-intermediate and above

**Objectives and goals**:

* to know how to explain what carbon footprint is
* to be able to name ways of mitigating one's carbon footprint
* to learn new vocabulary connected with ecology
* to practise giving suggestions with „should“
* to express opinions with modal verbs „might“ and „have to“

**Key words:** carbon footprint, carbon dioxide, air pollution, reuse, reduce, recycle, enironment, fuel

**Outcomes**:

Students will be able to understand important causes of emitting CO2, they will be able to determine what they should do to reduce it and realize why it is crucial to mitigate it.

**Languge skills**: reading for gist, speaking in front of the class, answering questions, expressing opinions, agreeing, disagreeing, using modal verbs: should, have to, might

**Required materials and equipment:** Internet connection, overhead projector, screen, markers, big sheets of paper, sets of printed memory game

**Cross curricular element:** biology, physics
**Student grouping:** whole class, individual, small groups

**Sources:**

[**www.youtube.com/watch?v=8q7\_aV8eLUE**](http://www.youtube.com/watch?v=8q7_aV8eLUE)

[**https://www.goingzerowaste.com/blog/5-ways-to-reduce-your-carbon-footprint**](https://www.goingzerowaste.com/blog/5-ways-to-reduce-your-carbon-footprint)

<https://www.energystar.gov/ia/products/globalwarming/downloads/GoGreen_Activities%20508_compliant_small.pdf>

<https://footprint.wwf.org.uk/#/>

**Outline**

**I Introduction**  5 minutes

Teacher: *Good morning.* *My name is Justyna and I will conduct an English lesson for you. Because of our Erasmus+ project „Stop Climate Change -Together Europe Achieves More“ , the topic of today’s lesson is “What Can I Do To Reduce My Carbon Footprint?*

*I'd like you to introduce yourselves. What are your names and where are you from?*  (Students introduce themselves)

*In today's lesson we will discuss the reasons and consequences of leaving a carbon footprint. We will also think how each of us contributes to CO2 emission and how we can reduce it.*

**II** 5 minutes

Presentation of a short film ***Simpleshow Explains The Carbon Footprint***. [www.youtube.com/watch?v=8q7\_aV8eLUE](http://www.youtube.com/watch?v=8q7_aV8eLUE)

After the film students are asked: *„What is the carbon footprint?”* and are expected to reply similarly to: „ A mark you leave upon environment with every action that releases carbons, harmful gases like CO2”. The teacher writes the definition on the board copying the graphics from the film and encourages students to give examples of such emission based on the video or their own life experience.

**III Group work** 15 minutes

The teacher divides the class into 5 groups and asks: „*Why do we have to reduce our carbon footprint?”* After the pupils give their ideas, the teacher writes on the board : „To save our future world we should…” and writes down 5 categories: 5 R’s, transport, water, food and energy. Then he/she explains the next task and distributes markers and big sheets of paper. Each group is given a card with one of the subjects from the article:

 <https://www.goingzerowaste.com/blog/5-ways-to-reduce-your-carbon-footprint>

The groups use the sheets to take notes and choose one person from each group to present the notes.

When the groups finish they work, the teacher asks representatives to summerize their problems. After each presentation, the teacher asks: *„And what do YOU actually do?”.* Students answer the question.

**IV Memory game** 15 minutes

The teacher explains the task and distributes a memory game, each group gets one printed and cut out set. Students play a memory game and after they finish, they read out and discuss the problem from the cards collected by themselves.

<https://www.energystar.gov/ia/products/globalwarming/downloads/GoGreen_Activities%20508_compliant_small.pdf> (pages 8-11)

**V SUMMARY** 5 minutes

The teacher asks and elicits replies :

*What have you learned about the carbon footprint?*

*What can you do to reduce your carbon footprint?*

At the end the teacher encorages pupils to find an online footprint calculator in their own language and solve them with their parents. They are shown an example webpage: <https://footprint.wwf.org.uk/#/>

*Thank you for participating in my lesson. I hope it has made you realize the importance of your own „eco-actions“.*