

GLOBAL SCHOOLS LESSON PLAN TEMPLATE

Teacher's name: Şerife GENÇ	Course: English as a second language, Biology, Chemistry, History, Geography	Topic: LET'S RECYCLE
ESD Skills and Related SDGs: Responsible Consumption and Production (SDG 12), Climate Action (SDG 13), Life Below Water (SDG 14), Life on Land (SDG15)	Community Relevance and Actions: The aim of this plan is to create a zero-waste school environment. To ignite students' empathy, we should frame it as a personal issue. Changing their behaviors in order to reduce, reuse and recycle waste and landfill contribution to greenhouse gas increase affects students' environment. As a society students become aware of their possibility as a group to make a difference in the fight against climate change. And reflecting on their own consuming and what can be a sustainable consumption will help the economy.	Teaching Technique: Flipped Classroom Learner-centered Method Class Discussion
LEARNING OBJECTIVE	The students will understand where most of their waste ends-up and its impact on climate change. They will evaluate their own footprint and weigh their own contribution to global warming. They will develop sustainable ideas for 3Rs easy doable classroom program. They will collectively plan and implement 3Rs program in the classroom. The students will share their experience with the rest of the school community. The students will become climate change ambassadors for sustainability too.	
ASSESSMENT	International Baccalaureate (IB) system's Approaches to Learning (ATL) framework for the Middle Years Program (MYP): <ul style="list-style-type: none"> ● Novice/Beginning (N) — Students are beginning to understand the research and collaboration process, but do not take an active role in developing a social action plan. ● Learner/Developing (L) — Students work with others and participate in creating a social action plan with constant guidance from the teacher. ● Practitioner/Using (P) — Students work well in their groups and confidently present their group's social action plan to the rest of the class. ● Expert/Sharing (E) — Students are leaders in their groups and help struggling students. They confidently share their social action plan and its future significance with the class 	
MATERIALS	<p>Posters: Poster about which shows the difference between polluted world and greener world from Rumeysa- Mehmet Koloğlu Anatolian High School- Elazığ/Türkiye A poster of Melih- Mehmet Koloğlu Anatolian High School Two posters of Ayşe Nur Culfa / Mehmet Koloğlu Anadolu High School</p> <p>A video: A video of Hüseyin Kağan Eren Kaya Karakaya Science High Schools</p> <p>For assessment: A kahoot game of Aysun- Mehmet Koloğlu Anatolian High School</p> <p>https://padlet.com/aysun_bturkyilmaz/czffrh69y31uq6d</p>	
Parts of the Lesson	Key Details	Key Academic and Learning Topics for Today's Lesson

<p>INTRODUCTION -Daily Routine -Learning Outcome and Agenda -Motivation</p>	<p>First of all, students must be very knowledgeable, aware and conscious about climate crisis to be able to act right. We have to be sure that they really understand, are aware of this universal issue and want to be a part of solution. For this reason they will discover waste materials around classes, school corridors, and also schoolyard. They will observe the waste materials. Take photos of them. As a discussion: Are we responsible with our garbage at school? We speak about what we have found in the schoolyard, in the canteen and how we contribute to greenhouse gas emission as a school. For this reason they should watch this video. https://youtu.be/ScX29WBJI3w https://youtu.be/nI7Tl4EbdN8 What is Recycling and Why Recycle? – Keep Montana Clean and Green...Think Before You Throw (recyclemontana.org) Students are calculating their own contribution to climate change Ecological Footprint Calculator Discuss and compare the results. How can I reduce my footprint? Ecological footprint calculators can be a good starting point for us to engage students in dialogue on climate change and environmental sustainability. According to the Global Footprint Network, the ecological footprint is one of the most widely used measures of humanity’s effect upon the environment. After all, they will develop slogans and announce it at school.</p>	
<p>TEACHNG, LECTURE AND MODELING (I do) -Engage Student -Key knowledge</p> <p>ACTIVITY -Group or pair work</p>	<ul style="list-style-type: none"> - Reduce, reuse, recycle (3Rs) - Brainstorming: all the group - What do they know about recycling, where it goes, how it is transformed? What can we reuse? - For arouse curiosity let’s watch the video about What If We Stopped Recycling? - https://youtu.be/8fFJOzXxB54 - Introduction To Waste - Waste Management 2020 Environmental Science - LetsTute - https://youtu.be/NkqwMitQ8o 	
<p>CLOSING and ASSESSMENT - Reflect on Learning Outcome -Review Key Points or Common Errors -Relate to Future Lessons</p>	<p>This plan is a set of activities where students go explore videos and texts related to the theme of the zero-waste environment and climate change. They will also develop slogans, posters, a recycled hand-made gifts and a Padlet. 3Rs or zero-waste is a sustainability activity where students will pick up some recyclable garbage and sort out them.</p> <p>To sort out the waste materials, we need recycled bins. And to encourage the students, they will take their photos and share it on a padlet on the school webpage. And also the students who pay attention to recycling will get a gift</p>	

from the principal of the school. This gift giving activity will be held every month until the students learn 3Rs a automatically.

[recycling - Ayrıntılar - Kahoot!](#)

The students will demonstrate they achieved the learning objective if....

1. They can articulate how their wasting / recycling habits have an impact on climate change (Mind mapping).
2. Their portfolio contains one learning from each lesson/activity.
3. They are actively involved in the program implementation and related activities.
4. The classroom waste bin is empty or almost empty.
5. They use reusable containers, utensils and water bottles.
6. They use more sustainable school items.