Support to the Sustainable Week in School 25 – 29 April 2022

Proposal of Workshops

Sustainable Working Group – Apeeel2





Meet the SDGs with GaiaLux

Workshop:
English, French, Italian
45' (2 periods ideal).
Secondary Students

- *What are the SDGs? How far are we from the targets? What can you do to make them happen in your community (family, school)?*

Students will be introduced to the Agenda 2030 and specific targets, and will be invited to identify which are the key SDGs for their school community and the relevant actions that can be put in place to achieve them.

In the 2 period workshop: students will be organized in groups for each relevant SDGs, each group will identify a list of actions and will present and discuss the necessary steps to put them in place.



Didactical resources: UN and EU resources, ppt, flash cards, examples from local practitioners

Gaia Lux Experts: *Elisabetta Lano, pedagogist; Edoardo Pizzoli, statistician; Tiziana Tamborrini, sustainable development expert.*

Discover Coding without Computer – It is not only a man‘s world

Workshop: French and English, 45', Secondary Students

Participants discover the history of computers that were at first non-electric machines. Through the presentation of 2 women who made coding accessible to any curious student, they realise coding wasn’t always a man’s world. And finally, electronic devices aren’t necessary to learn code development and can be taught via a series of unplugged exercises that they experiment.



Règine Poussin, Education Programme Specialist, Scienteens Lab, University of Luxembourg



Let‘s calculate together our daily Energy Needs



Students get to **calculate their daily energy need**, depending on their lifestyle by answering a series of questions on their lifestyle: how do they commute to school, what kind of housing they live in, how often do they go for holidays, if they have any pets… They can compare the results and discuss within class, and we can briefly discuss if it would be possible to generate this energy in a renewable way. The topic is relevant in the context of climate change and need for renewable energies, and is also quite relevant now that we see increased energy prices due to the war in Ukraine.



Una Karahasanovic, Education Programme Specialist, Scienteens Lab, University of Luxembourg



Ça n'est pas affiché sur mon GSM!

Workshop: french 90', Secondary Students

GSM facilitates communication in the North, in the South and between the two and increasingly dominates our social life. GSM has become much more than a telephone.

Through various fun and educational activities, students will be shown the link between production and consumption, as well as the role play as a responsible consumer in everyday life in Luxembourg through small acts.

Students will discover the inside of a mobile phone and learn about their globalized life cycle After the introduction some aspects will be explored: natural resources, the link between GSM and human rights, electrical scrap metal and the role of digitalization in Luxembourg and Africa.



Julia Georgi, Pleidon Responsable, Caritas Luxembourg



Don‘t Waste your time

Workshop:
English,
Frenche,
German
45‘, S1 – S3
Students

Students will learn about the waste volume a luxembourgish resident produces - what is it composed of - what the volume means . We will compare it to other countries and we will discuss how much waste is produced at school.

If possible:

1. waste walk - go through the school, open the bins and have a look: Is it well separated ?
2. Alternatively, we will discuss about measures: make better signs to separate the waste, REDUCE Waste

I can come back two weeks after and work with the pupils on the actions (e.g. make the signs etc)



Christina Ehlert, LIST, Luxembourg

https://www.linkedin.com/in/christina-ehlert-1504957/



Our Carbon Foot-print

Workshop:
English,
Frenche,
German
45', S1 – S3 &
Eco-Students

Students will learn about the composition of the carbon footprint in Luxembourg and by how much it will have to be reduced to achieve climate goals

We will assess together the impact of different actions that individuals - so also pupils - can do - topics: (transport (car/bus/train), food, cloths, digital

- discuss the carbon footprint of the school: what do know about it, how can we know more
- Propose a Slide quizz to make it more interactive and show some digital tools



Christina Ehlert, LIST, Luxembourg

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Climate Change is not the same for each of us and around the Globe

Workshop:
English, French, Italian
45' (2 periods ideal).
Secondary Students

- *How Climate Change affect different social groups and populations around the world and how the way we live, consume, and produce affect Climate Change*



Students will be introduced to the social dimensions of Agenda 2030, the concept of relative and absolute poverty, the concept of Inequality and how Climate Change affect our wellbeing.

What are the relevant actions that can be put in place to achieve SDG1, 2, 10?.

A special focus will be dedicated to the Migration Emergency and Sustainability.

Didactical resources: ONU and EU resources, ppt, flash cards, short videos, testimonies from the present migration crisis.



Gaia Lux Experts: *Elisabetta Lano, pedagogist; Edoardo Pizzoli, statistician; Tiziana Tamborrini, sustainable development expert.*



Rethink your Clothes

Workshop:
English, French, Italian
45' (2 periods ideal).
Secondary Students

Become aware of the impact of your Fashion on people and nature.



Workshop with Fair Trade Luxembourg

Expert: Lisa Lorang Fairtrade Lëtzebuerg





We support the 5 % Less Challenge

Workshop:
English,
Frenche,
German
45', S1 - S3 &
Eco-Students

Support the 5%Less Challenge:

- Data collection campaign, analysis etc.
- *My background is in environmental management and I am in charge of sustainability at my employer.*



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