



Teaching plan

Summary

School names	Arany János Primary and Secondary School, Budapest (Hungary) Murray Town Municipal Junior Secondary School, Freetown (Sierra Leone)
Involved class(es) in Country A	Mixed group
Involved class(es) in Country B	Mixed group
Project title	Waste management
Period	2014 March - June
Number of lessons (min. 10)	13 lessons (some integrated in longer sessions)
Overall description/educational goal	The project focuses on the questions around waste, waste management, recycling. The aim is to go beyond awareness raising and show students (creative) ways to recycle.
Subjects	In Country A: activity during English lessons and project days
MDG links	In Country B: extra curricular activity
Curricular links	MDG 7 (environment)
Ways of working	movies, group work, questionnaires, drama, excursion, art methods, creation of a school garden



Process

Offline teaching	
Topic/lesson	The product cycle
Aim	Introduce the topic
Timing	1 lesson
Materials/links/reources needed	Story of Stuff video in group
Steps-by-step methodology (concrete tasks, exercises)	Having watched the video, Hungarian students discussed in small groups: what is the most shocking info for you?, who are the losers of the system? what can you do? etc.
Individual / group work (student „research“)	
Topic/lesson	What can I/we do?
Aim	Going deeper in the issues of waste management
Timing	6 lessons
Materials/links/reources needed	internet and computer access
Steps-by-step methodology (concrete tasks, exercises)	<u>In Hungary:</u> 1st activity (2x45min + homework): What can I do? creatingg digital posters and ideas about environmental protection (individual or pair work, homework too), using issuu.com and sharing with partner school via Facebook

2nd activity (45 min): 3 R-s and even more R-s

Watching the following video in group: How to Reduce, Reuse, Recycle?
(<https://www.youtube.com/watch?v=BaAnfy9ueeQ>)

using the method of Waste Diamond: discussion and activity in small group: what is the best for the environment?
creating a „diamond" shape with the following notions: recycle, reuse, repair, rethink, reclaim, refill, recharge, reduce, refuse (say NO), the point is to understand –more or less- the differences and to think about all the hidden energy costs of these methods

3rd activity (45 min): gathering information about recycling possibilities related to chips bags i.e. Chips Brigade, group and pair work

5th activity (2x45 min): visit to Sas-hegy (Eagle Hill)- guided tour in a nearby the Natural Park

Common activity (Hungary and Freetown)

Students created a waste questionnaire, and the partner school answered it. Sample questions:

1. *Where do you throw the rubbish?*
2. *What do you do with the plastic rubbish?*
3. *What do you do with a organic waste?*
4. *What do think, what are they doing with the plastic in the recycling center?*
5. *What do you do with the household appliances?*
6. *What do you do with the hazardous waste?*
7. *How do you select the rubbish?*

**Sharing results with
partner school**

Timing	Ongoing
Materials/links/reources needed	Internet and computer access
Steps-by-step methodology (concrete tasks, exercises)	Postingg project results (photos, presentations etc.) on the common Facebook group.
Action	
Topic/lesson	Recycling and upcycling
Aim	Exploring creative ways to recycle and upcycle
Timing	several lessons
Materials/links/reources needed	see below
Steps-by-step methodology (concrete tasks, exercises)	<p><u>In Hungary: Upcycling Day (4x45 min)</u></p> <ul style="list-style-type: none"> - Upcycling workshop (from PET bottles – into bracelets, from TETRAPAK – into purses), - making a trip to collect trash in the school, in the classrooms, in the garden, - setting up a Chips Brigade (boxes to collect snacks' bag), boxes to collect caps, <p><u>In Sierra Leone:</u></p> <p>Students created a school garden where they used plastic bags to nurse agricultural seeds, especially cash crops. They started by nursing 'Moringa Seeds', whose leaves are a local herb and have been tested scientifically and known to cure over two hundred different kinds of diseases. They also created a drama play about waste management and successfully performed it in front of the school audience and additional visitors (such as NGO representatives). Having seen this performance, the group was invited to 12 schools to do a campaign about waste management.</p> <p>All of these actions were shared via Facebook (uploading photos and a written report).</p>