

Circular economy

1st teaching period

1st Activity: Presentation

Time: 10'

Type of activity: initial video

Class organisation: class work

Actions/Tasks: First of all, teacher introduces the scenario. She/He can start by asking students what they know about the circular economy. Then students watch the introductory video [Explaining the Circular Economy and How Society Can Re-think Progress](#)

2nd Activity: Circular Economy_book

Time: 20'

Type of activity: reading texts and discussion

Class organisation: groups work

Actions/Tasks: In groups of four, students must read the four articles of the moodle's book on circular economics "What is the circular economy?". They can read all articles and comment on them or they can distribute articles between the group components and then explain them to each other.

3rd Activity: Circular Economy_forum

Time: 20'

Type of activity: forum participation

Class organisation: individual work

Actions/Tasks: After reading previous moodle-book and discuss with their groups, students must participate individually to the Forum "What is the circular economy?" and post a comment under every thread initiated by the teacher. They have to write the answers with a minimum of words per input for the answer (30) to be valid.

4th Activity: Circular Economy_final project

Time: 10'

Type of activity: introduction to final project

Class organisation: class work and groups

Actions/Tasks: Teacher explains that, as final activity of scenario, they will have to prepare a creative advertising campaign to boost the circular economy of some of the materials we most use of our everyday lives (Creative advertising campaign to boost the circular economy – stop motion). To do this, they will use the stop motion animation technique. During the week they will have to bring/collect objects from the materials they choose (plastics, glass, mobile phones, paper,...). So, as a group, they need to be organized to do the entire creation process.

2nd teaching period

1st Activity: Circular economy_review

Time: 10'

Type of activity: review activity

Class organisation: class work

Actions/Tasks: From the forum's replies a small review of the treated aspects of circular economy can be made and future activities introduced: The 3Rs .

2nd Activity: The 3Rs

Time: 10'

Type of activity: introductions activity using a video or a song.

Class organisation: class work

Actions/Tasks: Teacher may explain the concept of 3Rs (reduce, reuse, recycle) or use one of the many videos that exist on the Internet to explain that, for example https://youtu.be/OasbYWF4_S8. There are also many songs related to the theme, depending on the type of students it may also be useful to work in this way (Earth day song: <https://youtu.be/qtyBzFV9yTs>)

3rd Activity: The 3Rs_questionare

Time: 10'

Type of activity: moodle questionare (H5P activity: The 3Rs).

Class organisation: individual work

Actions/Tasks: After videos and songs, students respond to the questionnaire of the 3Rs of moodle.

4th Activity: Zero waste house

Time: 20'

Type of activity: video and chat

Class organisation: individual and group work

Actions/Tasks: Students watch the video about "The zero waste house" (<https://youtu.be/xTodOAlh3wA>) and then explain to their group what they usually do to recycle and how do you think you can improve it. To conclude, they should write their main ideas about recycling and how it can contribute to save their city from pollution in the chat.

3rd teaching period

1st Activity: Coltan mines

Time: 10'

Type of activity: introduction activity and video

Class organisation: class work

Actions/Tasks: Teacher introduces which is the impact that we generate to the world when we use our mobile phones or other electronic devices in the countries of the European Union. Coltan mines are an example of this. Teacher can show a documentary about Coltan mines. There are different good documentary of different duration, for example: https://youtu.be/f2yHjO_2ivo or <https://youtu.be/M-vkxc9JxkU>.

2nd Activity: coltan mines_text

Time: 20'

Type of activity: reading comprehension

Class organisation: individual work

Actions/Tasks: students should read the book in moodle about Coltan mines. They may take notes for answering quiz activity.

3rd Activity: Coltan mines quiz

Time: 15'

Type of activity: quiz activity in moodle / h5p activity

Class organisation: individual work

Actions/Tasks: students answer quiz activity about **National Geographic article**.

4th Activity: What can we do?

Time: 10'

Type of activity: thinking activity

Class organisation: groups of 3 or 4

Actions/Tasks: Students must begin to think what we can do for improving global situation. Next session, we will start the ad design activity. It's very interesting to have data on the proposals made to the different countries of the European Union throughout the one studied so far. Some interest may be those of the different countries, and also the European Union's website: (for example: <https://www.eea.europa.eu>; <https://ec.europa.eu/trade/policy/in-focus/conflict-minerals-regulation/regulation-explained/>; https://www.humanityinaction.org/knowledge_detail/your-phone-coltan-and-the-business-case-for-innovative-sustainable-alternatives/)

4th teaching period

1st Activity: Let us encourage the circular economy!

Time: 5'

Type of activity: introduction to the final activity

Class organisation: class work

Actions/Tasks: Teacher explains final activity: they will have to prepare a creative advertising campaign, to boost the circular economy of some of the materials we most use in our everyday lives. To do this, they will use the **stop motion animation technique**.

2nd Activity: The slogan

Time: 10'

Type of activity: search a slogan

Class organisation: groups of 3 or 4

Actions/Tasks: Students will have to think about a slogan, which they will add when they edit their own stopmotion (it can be put it in start or end). It's important to recall that the slogan is a maximal phrase referring to a product; simple, concise and direct, with the intention of remaining in the memory of the people receiving the message. Its purpose is to attract attention and fix the idea.

3rd Activity: advertising campaign for the circular economy_1

Time: 40'

Type of activity: final activity

Class organisation: groups of 3 or 4

Actions/Tasks: Students, from the material collected during the week and their slogan,

prepare their advertising campaign to support the circular economy. They need to start by preparing a script and then design the announcement. After that, they begin taking photos to mount the announcement using the stopmotion technique.

5th teaching period

1st Activity: advertising campaign for the circular economy_2

Time: 40'

Type of activity: final activity

Class organisation: groups of 3 or 4

Actions/Tasks: Students continue and end the final project: the announcement of the advertising campaign in favor of the circular economy. When they finish the activity, they should upload the file to the moodle.

2nd Activity: Circular Economy campaign

Time: 20'

Type of activity: Peers assessment

Class organisation: class work

Actions/Tasks: The teacher projects in the classroom the various advertising advertisements, commenting and evaluating among peers.