


All materials can be found in the binder and **GREEN BAG**



Check the flash drive for digital resources (videos, PowerPoint, PDF, etc.)

CHALLENGE #5

DESCRIPTION

MY ECOLOGICAL FOOTPRINT

⊕ Objective

Raise student awareness about the impacts their actions can have on the environment and the importance of having the smallest possible ecological footprint.

- Game on the lifespan of waste in the environment.
- To go further: Clean-up of the schoolyard or other community site.



Materials for the brigade

- Green brigade sheet
- Green tickets
- "Did you know?" booklet
- Awareness posters



Materials for the teacher

- Flash drive
- Waste management glossary
- Quiz (template to be photocopied)
- Evaluation sheet

☰ Procedure

Step 1: Prepare

- Browse the waste management glossary to become familiar with the terms
- Go to the challenge 5 tab of the flash drive
- Make the necessary number of photocopies of the quiz for the students.
- Become familiar with the steps of the challenge and set a schedule for carrying out the activities. You could do all the activities in a single week or spread them over several weeks.

Step 2: Class work

- Hand out the "my ecological footprint" quizzes to the students.
- Show video 5 of Theria & Larinie while telling students that they must listen carefully to complete their quizzes.
- Give the students a few minutes at the end of the video (either alone or in teams) before giving them the answers.

Step 3: Form the brigade

- Find two or three students to be part of the green brigade for the challenge
- With the brigadiers, develop an action plan based on the brigade sheet provided in the bag

Step 4: Launch the challenge

- Introduce the green brigade to the class while explaining that you are embarking on a challenge that aims to have the smallest possible ecological footprint.

Step 5: Game

- While following the instructions on the back, try the lifespan of waste in the environment game.

Step 6: Clean-up

- Why not wrap it all up on a high note with a schoolyard clean-up activity! Use the schoolyard clean-up sheet.

Step 7: Evaluation

- Fill out the evaluation form provided in the binder and send the answers to the indicated email address.

Game

Lifespan of waste in the environment

Objective

Make the students understand that many of our objects go to the landfill site (dump) unnecessarily and that all items break down at different speeds. The slower they are to break down, the longer they pollute!



Game components

- Set of 15 images
- Timeline
- Velcro
- Magnets
- 4 posters (ecocentre, recycling, composting and garbage) – check the PURPLE BAG

Procedure

1. Before starting the game, stick one side of velcro on each image and the other side on the timeline (two per times pan).
2. With the magnets, hang the timeline on the board and, next to it, hang the 4 posters.
3. Explain that objects decompose at different speeds.
4. Provide images to students.
5. Ask: "How long will your object take to decompose?"
6. One after the other, the students stick their images on the timeline.
7. Refer to the table below for the correct answers.
8. Remove the images from the timeline one by one, while asking the students, "Where should I deposit this item to get rid of it? Recycling, ecocentre, garbage or composting?"
9. Stick the images on the correct poster to show the students the few things that should actually end up in the garbage can.

3 months and -	6 months	1 year	10 years	100 years	500 years	1000 years	5000 years and +
Tissue	Apple	Wool socks	Gum	Tin can	Plastic water bottle	Styrofoam	Glass jar
News paper	Matches	Butt end	Discharge oil	Tires	Plastic bag		Batteries

