



Bombonzinhos Team Solution Proposal

Solution title: Electronic Waste

Challenge chosen:

(What is the problem? What are the causes and consequences?) Max. : 500 characters or 5-6 lines.

The quantity of electronic devices or appliances that are no longer useful or are outdated in companies/institutions.

Solution:

(Briefly explain what you will create. It must be related to the digital world.) Max: 400 characters or 4-5 lines.

The company that sells the electronic devices can collect them for reuse or recycling, or use the collection service provided by the Portalegre municipality.

Target audience:

(Who will benefit from your solution?) Max: 100 characters or 2 lines

Citizens of the city of Portalegre.

Goals:

What do you want to achieve with your solution? Maximum two objectives.

1. Raising awareness among people to encourage greater reuse of appliances and devices.
2. Raising awareness about the importance of donating end-of-life electronic devices.

Resources:

(What materials do you need? Who can help you get them?) Max: 300 characters or 3-4 lines.

- Citizenship and Development Subject
 - Eco-Schools José Régio
 - Portalegre City Council
 - IPP (Computer Science Course)
 - Repair shops
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Next steps:

(Divide the solution into small tasks. Describe at least 5 steps to achieve and complete the plan.) maximum 12.)



1. Create projects in the Citizenship and Development subject.
2. In the projects, present proposals to improve the dissemination of information about the municipal council's collection services and raise awareness about reuse, repair, donation, or sale of second-hand items.
3. Improve the dissemination of information about the collection of materials by the Eco-Schools project through the distribution of leaflets during festive periods when purchases are higher and on social media.
4. For reuse, find repair shops/workshops, find institutions that use materials that still work.
5. Assistance with IPP (Higher Education Institution) to refurbish devices.

How long will it take you to implement your solution?

- ☐ 3 months ☐ 6 months ☒ 1st school year (X) ☐ 3 years



Scheduling

(Outline the next steps. Who would be responsible for each task and until when?)

Tip: You can bring in people who aren't on your team, who can help.

I realized your solution.

Task	Description	Responsible(Who?)	Date of event: September
Disclosure	Propose the work to the CD or DT teacher.	Prof. CD	
Project	Develop a project during the semester.	Classes	semester
Project	Create pamphlets to publicize the collection in schools and the city council.	Classes	semester
Project	Create pamphlets to publicize reuse in schools, the city council, and institutions.	Classes	semester
Project	Find appliance repair shops/ workshops to publicize in the pamphlets.	Classes	semester
Project	Find institutions that reuse still-functioning material to publicize in the pamphlets.	Classes	semester
Delivery of bread rolls	Distribute and deliver the pamphlets to people and institutions.	Classes, School, City Hall, Institutions, Etc...	semester

Having difficulties?

(When we want to do something, we can encounter obstacles along the way. What difficulties do you imagine encountering and how do you plan to solve them?) Max. 400 characters or 4-5 lines.

The development of projects in Citizenship. Dissemination of information.



Originality and Innovation (What differentiates your solution from others? How is your solution prepared for the digital challenges of the future?) Max. 500 characters or 5-6 lines.

The importance of reinforcing this solution stems from the low adoption of recycling/reuse and delivery practices by the public.

Involving institutions so that they don't work in isolation, each on its own.

Impact and relevance of the solution

(What positive impact does Queimacto generate in society and the environment?) Max. 500 characters or 5-6 lines.

The solution will lead to the reuse and refurbishment of equipment, the reuse of parts for other purposes, and a reduction in electronic waste and environmental harm.

Describe your idea/solution as if it were a social media post, using a maximum of 280 characters.

To increase the collection of equipment so it can be reused or recycled, we will create projects in the Citizenship subject or school to generate information to disseminate to the public. Dissemination would be through the creation of pamphlets or online. We intend to inform and raise awareness among council members about delivering electronic equipment to designated locations, donating to institutions that accept them, promoting repair shops, or providing information on how to sell or exchange them online.