JANUARY 2024

Summary of Environmental Sustainability Commitment and Strategies

This paper stresses the importance of building or transforming schools in a sustainable way.

Minecraft is planning to build a school that aims to reduce the ecological footprint to preserve the environment.
In the classroom were discussed strategies to achieve environmental sustainability through the construction or transformation of green buildings;
to introduce the concept of circular economy to give life to waste and limit the production of waste.
We are still working on our idea of sustainable school but the most important aspects are the following:

- Each school should have an extended space around the main building with livable green spaces and spaces dedicated to sports activities (football field, soccer, basketball and more).
- The various buildings should be on one level to be accessible to all.
- Classrooms must be designed as laboratories for each discipline.
- On the roofs of various buildings solar panels and an electrical system.
- Spaces in the corridors with sitting rooms and library spaces with paper books and online stations.

In general we students think that you should follow these guidelines to design and review schools already built:

- 90% reduction in ecological footprint
- Commitment to a sustainable future
- Challenges in environmental conservation
- Strategies for environmental sustainability include renewable energy adoption, circular economy implementation, and biodiversity conservation
- Success stories of 100% achievement in sustainability efforts
- Emphasis on reduce, reuse, and recycle practices
- Highlighting the need for environmental sustainability
- Our planet is our responsibility
- Gratitude expressed for the collective effort

Hey there! We've got a challenge for you. Check out our three presentations and fire up your creativity to help us build a school that's friendly to the environment and our future. Are you ready? Let's go!

Check out our presentations:

Type here... your suggestions

what does “foods that respect nature” mean? What kind of foods are those? There could be more information about sustainable school food.

There are good ideas, but not very many concrete suggestions on what to do exactly.

“Minecraft is planning to build a school that aims to reduce the ecological footprint to preserve the environment. “ Could you clarify this, we don’t quite comprehend this?
“Classrooms must be designed as laboratories for each discipline.” we disagree with this point because we think it would be more sustainable to build multipurpose classrooms in order to save resources by building less classrooms.

The last two presentations are slightly short. More information could improve them. The goals themselves are good and they go along with the ideas of sustainability but there could be concrete examples on how to achieve these goals.

Having organic food and zero kilometer food is also a great idea but you should consider the cost of it since it tends to be more expensive. In this point, too, you could explain how you will execute this plan. Fruits and vegetables was a good idea and growing your own vegetables also sounds great. Still, you have to take into account that some fruits come from across the globe so you’d have to prefer local fruits. You could also take vegetarian food into account as an option for school food since it is usually more sustainable than food with some sort of meat. Otherwise, great ideas that are executable if planned well.

Our ideas on how to execute these plans:

-Vegetarian food in schools (should be made out of local vegetarian products that naturally grow in your country)

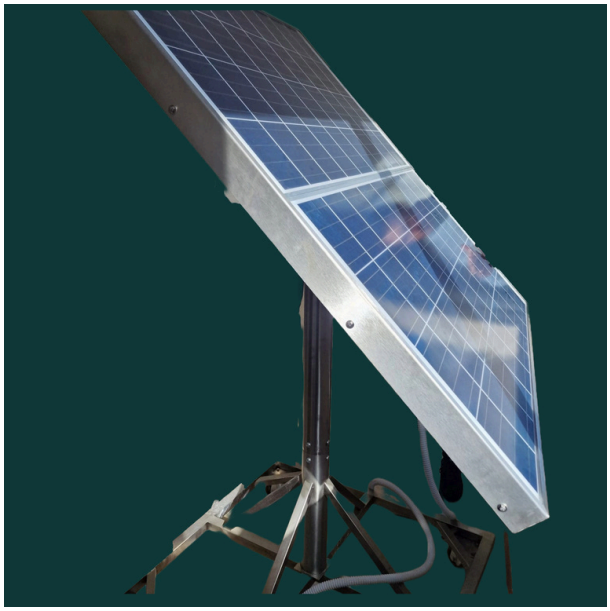
-Growing your own vegetables was a great idea but if you have a bigger school, there needs to be quite some space for it. Maybe the school staff could take care of the vegetable patch or even the students, if they could get something out of it?

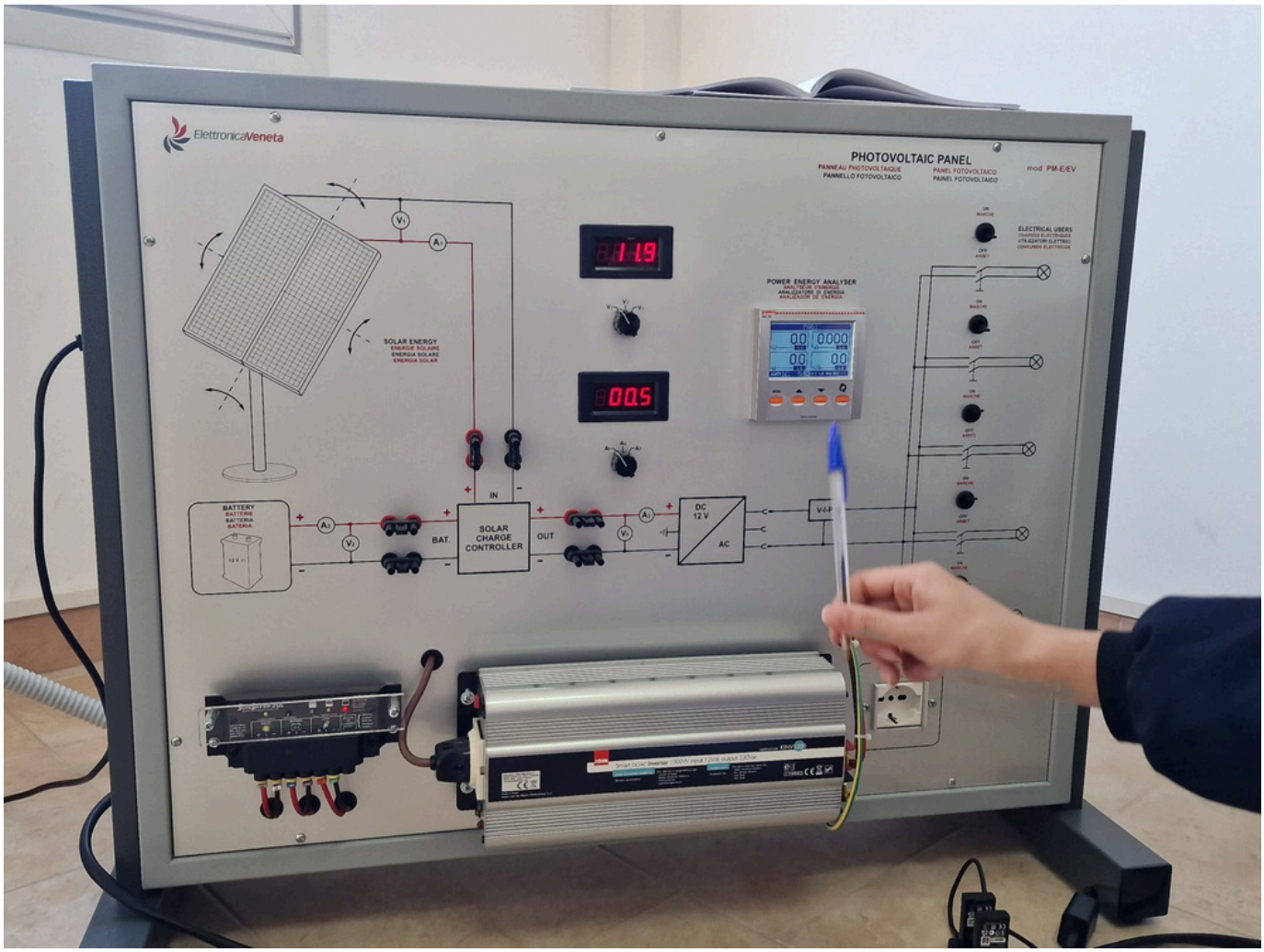
-LABELLED recycling bins so that recycling would be easier. The teachers should also educate the students on how to recycle so it would actually work properly.
-Solar panels could work as long as you would have the money for them. They eventually pay themselves back but you do need the so called “starting money” to pay for them. If you don’t have it, maybe the country or your region could loan you that?

January 23rd

Experimentation with a group of students and Prof. Umberto Torresani:

the solar panel was placed in front of a large window to charge a battery to which students could connect and power their PCs.

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