

ECO-SUSTAINABLE PEDAGOGICAL GARDEN – JPE

Francisca Antônia da Silva. lucirenata@hotmail.com
E.E.M Governador Luiz Gonzaga da Fonseca Mota

Participante: Yasmim Santos Matos

ABSTRACT:

The Eco-Sustainable Pedagogical Garden (JPE) is a pedagogical tool that was built and is being adapted based on the principles of Permaculture. We conduct research, discussions, interviews, apply questionnaires, participate in environmental training and conferences, promote an Ecological Gymkhana for the acquisition of recyclable materials, plant seedlings to be used in the ornamentation and afforestation of the Garden, which aims at a sustainable educational future, helping to achieve of more enjoyable and dynamic classes.

Keywords: Garden - Permaculture - Sustainable.

JARDIM PEDAGÓGICO ECOSSUSTENTÁVEL- JPE

RESUMO:

O Jardim Pedagógico Ecosustentável (JPE) é uma ferramenta pedagógica que foi construído e está sendo adaptado com base nos princípios da Permacultura. Realizamos pesquisas, discussões, entrevistas, aplicamos questionários, participamos de formações e jornadas ambientais, promovemos uma Gincana Ecológica para aquisição de materiais recicláveis, mudas de plantas a serem aproveitadas na ornamentação e arborização do Jardim, que visa um futuro educacional sustentável, auxiliando na realização de aulas mais prazerosas e dinâmicas.

Palavras-chave: Jardim – Permacultura – Sustentável.

INTRODUCTION

Based on the principles of Permaculture, which means “Permanent Culture” – developed by Bill Mollison and David Holmgren, the Eco-Sustainable Pedagogical Garden was built from the vision of a sustainable educational future. Thus, the Garden is a space within the school environment that is being adapted to provide students with more enjoyable and interactive classes. We intend that it be used as a pedagogical tool, providing a richer school environment in learning situations, developing the students' skills, contributing to ecological awareness, enabling them to have continuous contact with the flora and fauna available in the Garden and in its surroundings, favoring social and cultural development, in addition to promoting the physical, mental and spiritual well-being of the school community.

MAIN GOAL

Show the importance of using the Eco-sustainable Pedagogical Garden and Permaculture as tools to strengthen Environmental Education, to improve health, culture and ecological awareness of the school community, through the development of pedagogical actions that allow students to enjoy the Garden as an environment for teaching and learning for the acquisition of new knowledge.

Specific objectives

Use the JPE as a pedagogical, scientific and cultural instrument;

Develop actions to revitalize the school garden;

Promote the cultivation of medicinal plants and vegetables;

Take advantage of recyclable materials for cultivation and ornamentation;

Increase ecological awareness in the school environment.

METHODOLOGY

To improve the project, we carried out the research in a quantitative-qualitative way, weekly meetings at the Educational Science Laboratory (LEC), constant reading, participation in environmental training, interviews, group discussions to improve the theme and develop actions, such as Café com Poesia , once a month – in the evening – and on Wednesdays, during the break. Periodically, with the school community, we prepare the soil, sow plants for study and, in the future, use them to prepare homemade medicines and increase school meals, collect and use wasted water from drinking fountains and air conditioning to water the plants. We usually promote the application of questionnaires at school on ecological awareness. We regularly publicize the Project and its actions through social networks, lectures and in physical form in other schools, in order to raise the development of the project, environmental and conscious advancement in a sustainable way for the school community.

RELEVANCE OF THE PROJECT

After observing unusable internal areas in our school, we realized that it is necessary to take advantage of these spaces to integrate and articulate the various activities in the school, in order to promote the full development and well-being of the student. Thus, the

present proposal is very important for the school community, since the JPE (Eco-sustainable Pedagogical Garden) is a space built with the aim of helping teachers in the elaboration and execution of more dynamic and pleasant classes, relating theory to practice, favoring learning, coexistence between the school community and the environment, promoting development in teaching and in the acquisition of general and specific knowledge. Therefore, the JPE, in addition to being a pedagogical tool, also promotes access to culture and well-being in the school environment. The progress of the work is being visualized gradually, since the JPE is still being prepared for the execution of the pedagogical activities, although some are already happening.

RESEARCH/RESEARCH IMPACT

In the course of this project, we verified changes in the habits of the school community, which did not have the practice of contributing to environmental educational actions in the school environment and began to participate in the activities proposed by the authors of the project. We registered many difficulties, mainly with interaction and creativity, given that changing habits is difficult, cultural factors and the influence of modern life are very present, but with the awareness and dissemination of the importance of the Garden for the development of eco-sustainable pedagogical actions, We know that it is possible to make great changes, valuing the preservation of the environment, making the school community more ecologically aware.

SEARCH RESULTS

By carrying out this research, we realized the importance of the Eco-sustainable Pedagogical Garden (JPE) for the entire School Community, as we observed the change in ecological behavior in most students, employees, teachers and parents of students, since before the execution of this project, they were not concerned about the waste of water, energy, paper, food and recyclable materials, for example. Currently, after the development of our research, we have verified through the application, analysis of questionnaires and daily observation that there has been a change in habits in relation to conservation, preservation of the surroundings and the school environment, in addition to verifying a greater interest of students in participating of both the classes proposed by the teachers and the actions promoted by the project, using the JPE as an instrument, given

that it offers an outdoor environment surrounded by plants, enriching the teaching and learning process, making classes more pleasant and attractive.

FINAL CONSIDERATIONS:

The JPE (Eco-sustainable Pedagogical Garden) is a teaching and learning tool, strengthening Environmental and Scientific Education, which intensifies the importance of human interaction with the environment. Therefore, we intend to encourage, in all educational areas, a more effective use of the Garden in order to improve their classes, making them more pleasant, interactive and conducive to learning, as well as promoting an improvement in well-being of the entire school community and develop actions that encourage them to change their habits, so that they contribute to better progress and preservation of our environment.

REFERENCES

HOLMGREN, D. Permacultura: princípios e caminhos além da sustentabilidade. Tradução Luzia Araújo. – Porto Alegre: Via Sapiens, 2013.

SORRENTINO et al. Educação ambiental como política pública. Educação e Pesquisa, São Paulo, v.31, n.2, p.285- 299, 2005. Disponível em: <http://www.scielo.br/pdf/ep/v31n2/a10v31n2.pdf>.

EDUCAÇÃO AMBIENTAL E SUSTENTABILIDADE: A IMPORTÂNCIA DE TRABALHAR A TEMÁTICA NAS ESCOLAS. Disponível em: <http://www.revistas.udesc.br/index.php/cidadaniaemacao/article/view/2203> Acesso em 10/09/2018.

Práticas sustentáveis na agricultura para preservação e conservação do solo e do meio ambiente. Disponível em: <https://inquima.com.br/10-praticas-sustentaveis-na-agricultura-para-preservacao-e-conservacao-do-solo-e-do-meio-ambiente/> Acesso em 15/09/19.

Anexos – Fotos Projeto
I Formação sobre Permacultura



36

Escolha do terreno para construção do Jardim Pedagógico Ecológico



**II Formação Permacultura SEDUC – Utilização de materiais recicláveis angariados
na Gincana Ecológica para plantio de mudas de plantas nativas**



37

Construção do Jardim Pedagógico Ecosustentável



Aulas práticas no JPE – Preparo do solo – Plantio de hortaliças e ervas medicinais

