



Educational booklet on nambú marrow as a teaching proposal in the early years of elementary school in the Amazon

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ABSTRACT

The present study aimed to value the knowledge inherent to the medicinal plants of traditional Amazonian communities, aiming at the recognition of the phytotherapeutic use of plant species, which manifests itself in an intrinsically cultural way for the treatment of diseases. In this context, the use of the Nambu marrow plant (*Eleutherine plicata* Herb.) in the fight against amebiasis in Amazonian communities located in the state of Pará (SANTOS et al. 2020) stands out. In these communities, it is common to frequently attribute cases of protozoan infection to conditions such as the absence of basic sanitation infrastructure and inadequate hygiene practices.

Keywords: Present, Traditional Amazonian.

1 INTRODUCTION

The present study aimed to value the knowledge inherent to the medicinal plants of traditional Amazonian communities, aiming at the recognition of the phytotherapeutic use of plant species, which manifests itself in an intrinsically cultural way for the treatment of diseases. In this context, the use of the Nambu marrow plant (*Eleutherine plicata* Herb.) in the fight against amebiasis in Amazonian communities located in the state of Pará (SANTOS *et al.* 2020) stands out. In these communities, it is common to frequently attribute cases of protozoan infection to conditions such as the absence of basic sanitation infrastructure and inadequate hygiene practices.

In addition to the exploration of aspects related to herbal uses, the present study proposed the integration of the knowledge produced by local communities in the scope of the school curriculum for the early years, through the elaboration of a booklet focused on Nambú Marrow. These materials were



conceived with the purpose of facilitating the transmission of traditional knowledge in the context of elementary school in the early grades, configuring themselves as didactic resources conducive to the promotion of cultural self-identification among children belonging to the Amazon region. In addition, it should be noted that such information can be incorporated in different locations, inserting itself in the broader context of the theme of "health education".

2 OBJECTIVE

To develop a proposal for the elaboration of the booklet entitled "In Dona Maria's backyard there is: Nambu Tutano", with the purpose of valuing traditional phytotherapy practices in the school environment of the Amazon region, specifically in the early grades of elementary school.

3 RESEARCH METHODOLOGY

This study consisted of a bibliographic research, of a qualitative nature, using the bibliographic productions of the Laboratory of Education, Environment and Health - LEMAS as a source of knowledge transmitted in the educational material created from the need noticed by this research, of didactic materials that bring traditional knowledge, the use of medicinal plants and health care in a transversal and accessible way to students.

The study was configured as a bibliographic research of a qualitative nature, making use of the bibliographic productions of the Laboratory of Education, Environment and Health (LEMAS) as the main source of knowledge incorporated in the educational material developed in response to the gap identified by this investigation. The need for didactic materials that address traditional knowledge, the use of medicinal plants and health care in a transversal and accessible way to students motivated the elaboration of this educational material.

Based on the research carried out and the needs identified, a pedagogical material was developed in the form of a booklet, observing the formatting of authors who deal with the production of didactic material in Science (Lima, 2022;), being entitled "In the backyard of Dona Maria has: Nambu Tutano". The primary objective was to make information accessible to children and provide educators with a diversified resource that allows them to address topics such as culture, through traditional knowledge, health, through knowledge of the uses of medicinal plants, and hygiene and health care, through preventive practices. In addition, the booklet covers aspects related to the anatomy of plants, promoting the reading of playful educational material and exploring various pedagogical possibilities.

The process of producing the booklet involved an initial stage of bibliographic research on the subject, followed by the careful selection of information to be transmitted. The organization of this information was carried out in such a way as to facilitate the understanding by the educating readers. As for



the format, we opted for the use of the chronicle textual genre, and the formatting of the booklet was carried out through the graphic design platform *Canva*. This production process aims to ensure the effectiveness of the material as an educational tool, adapting to the desired pedagogical characteristics.

4 RESULTS AND DISCUSSION

The purpose of the booklet "In Dona Maria's backyard there is: Nambu Tutano" was to bring characteristics observed in traditional communities and their knowledge, dealing with the ethnospecies nambú tutato (*Eleutherine plicata*) and its uses in a playful way, enabling the educator to use this educational material in science classes where he can work on the characteristics of plants, public health issues such as basic sanitation, hygiene habits as a form of prevention, the use of herbal remedies and the understanding of these concepts that are experienced daily by several children, promoting the appreciation of this local knowledge of the use of medicinal plants. This knowledge can be perceived to be more present among the older individuals of these communities, and representing these social actors, the character "Dona Maria" was created, which the entire plot of the story revolves around.

The narrative has been telling the story of schoolmates who must carry out a science research work in which they must present a plant, and then Mrs. Maria emerges as a person in the community who is a reference in the knowledge of medicinal plants, the adventure of these students will be to get to know their backyard and experience this exchange of knowledge and information, It is a short story involving cultural aspects, such as the oldest individual who knows about plants and their uses and the service they provide to the community in which they are inserted, bringing them to the school environment and highlighting scientific information in an accessible and playful way.

5 FINAL THOUGHTS

In this study, we sought to know the knowledge and uses of medicinal plants by the community of Ponta do Urumajó, the uses, characteristics and properties of the Nambu marrow plant, made by individuals of the community. Through this knowledge, it is possible to understand the teaching process and the conception of health in this community, enabling the elaboration of the Educational Material Booklet "In Dona Maria's backyard has: Nambu marrow", which brings with it possibilities to propagate knowledge, culture and scientific knowledge about the Nambu Marrow plant and its characteristics, and can be used in the classroom as base material for a class on plants, about health, disease prevention, culture and belonging, among other possibilities that open up by making accessible a material that provides students with the identification with aspects contained in it.

The result of this research makes it feasible and effective to work in education on the transversal theme of health, in addition to effectively enabling the use of interdisciplinarity in the classroom, a challenge



experienced by many educators in various spheres of education.



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