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RETOS EN LA FORMACIÓN DE INGENIEROS EN LA ERA DIGITAL



PIEDADE CULTURAL CENTER

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Abstract

The multidisciplinary project is linked to the program "extension, research, education, culture, heritage and Citizenship", located in the city of Ouro Preto. Started in 2016, the project is developed at the headquarters of the Community center of the neighborhood. The project members are twelve volunteers and three students from UFOP and residents of the Piedade neighborhood. The project focuses on learning and exercising science and citizenship, assisting in school activities, minimizing problems of low school performance, awakening students' self-confidence in solving individual and community problems, as well as integrating students from the Federal University of Ouro Preto (UFOP) in the community. The activities are developed, from Monday, Wednesday, Thursday and Saturday and include: reading, support in literacy, reinforcement for elementary school (1st to 9th grade), English classes, Spanish, Winter festival workshops (theater, circus practices, photography, dance), city for promotion and appreciation of the material, immaterial and cultural heritage of the region for children, youth and adults. From 2017 to 2019, two hundred and sixteen people from the community participated to the project. This project has institutional support from Extension Office of the Federal University of Ouro Preto (PROEX), Residents' Association of Piedade neighborhood, Izaura Mendes Municipal School, Juventina Drummond Municipal School, Alto da Cruz Social Assistance Referral Center (CRAS).

Keywords: cultural center; education; social empowerment

Resumo

O projeto multidisciplinar está vinculado ao programa "Extensão, pesquisa, educação, cultura, patrimônio e cidadania", localizado na cidade de Ouro Preto. Iniciado em 2016, o projeto é desenvolvido na sede do centro comunitário do bairro. Os integrantes do projeto são doze voluntários e três bolsistas estudantes da UFOP e moradores do bairro Piedade. O projeto tem foco no aprendizado e no exercício da ciência e cidadania, auxiliar nas atividades escolares,

minimizando os problemas de baixo desempenho escolar, despertar a autoconfiança dos alunos na resolução dos problemas individuais e comunitários bem como integrar os alunos da Universidade Federal de Ouro Preto (UFOP) junto à comunidade. As ações são desenvolvidas, de segunda a sábado e incluem: leitura, apoio na alfabetização, reforço escolar para o ensino fundamental (1º ao 9º ano), aulas de inglês, espanhol, oficina de musicalização (flauta doce), oficina circense, passeios pela cidade para promoção e valorização do patrimônio material, imaterial e cultural da região para crianças, jovens e adultos. De 2017 a 2019, participaram duzentas e dezesseis pessoas da comunidade. Este projeto tem apoio institucional da Pró - Reitoria de Extensão - PROEX da Universidade Federal de Ouro Preto, Associação de Moradores do Bairro Piedade, Escola Municipal Izaura Mendes, Centro de Referência de Assistência Social (CRAS) do Alto da Cruz.

Palavras-chave: *centro cultural; educação; empoderamento social*

1. Introduction

The purpose of the University Extension project is to transform society through the development of activities between Universities and sectors of society. This partnership takes place through interdisciplinary processes that include debates and reflections of common interest with the residents / community that have demands for better cultural, social, political, economic conditions (FORPROEX, 2012).

The restrictions imposed by the public education system, both from the point of view of access and the quality of education offered to the underprivileged sections of the population, especially those located in the periphery of the city, create the background from which demands and forms of popular organization manifest themselves (SPOSITO, 1998, p. 43).

The cultural center is a space, where cultural actions are developed, which enables the individual to be recognized as part of the collective, in a determined time to establish collaborative bonds with their surroundings.

The Cultural Center is the space that can act as a source of dialogue between the local community and city, people and their environment, through spaces of critical reading, appropriation, belonging and partnerships among its members. Collectivity is the result of individual action, which develops and fosters collective construction (RAMOS, 2007).

Education outside the school environment means a process of training for citizenship, training for work, community organization and learning of school contents in differentiated environments (GADOTTI, 2005).

These initiatives also contribute to the decrease of the internal violence of the school and in its surroundings (SPOSITO, 1998). The modality of non-formal education is often associated with popular education and community education. Thus, education in environments beyond school has expanded notably in recent decades around the world, encompassing all kinds of learning for life, the art of living well and living together (GADOTTI, 2005).

The Piedade Cultural Center Project (CCBP), located in the Neighborhood Community Center, aims through educational and cultural activities for residents of the neighborhood and surrounding areas, stimulate the interest of those for activities of collective interest.

The CCBP aims to promote the democratization of culture beyond the tendency of mass culture, taking as an example the social interaction of the community itself, together for a common good and thus strengthening human, cultural and social ties.

Through CCBP, the necessary conditions are sought so that users are attracted to integrate and give continuity to the actions provided by the project. The expectation is that users can react and position themselves in the most varied aspects of daily life, be they cultural, political, educational, among others, as well as the experience of community life.

The project aims to promote, together with the community and surrounding schools, the possibility of assisting in the teaching-learning processes and the construction of autonomous citizens, developing extra-class activities as well as supporting the greater interests of the community, especially children and the learning and exercise of science and citizenship, to fill gaps in the formal learning of the students of the region, minimizing the problems of low school performance, to awaken and develop students' self-confidence in solving individual and community problems.

2. Methodology

The CCBP project was founded in 2016 with residents of the neighborhood Piedade, André Estanislau, Bruna Monalisa, Carla Vicente, Diego Teixeira, Gemirson dos Reis, Jamille Moreira and Leonardo Gomes, who met and inaugurated the project at the Community Center of Bairro Piedade with the aim of providing a positive, emancipatory, educational and cultural return for the community. The project also counts on the support and participation of other members, who join the project year by year, are people engaged socially, from other neighborhoods, to strengthen and expand the possibilities of acting and exchange of knowledge in favor of the neighborhood. To date, 2018 we have the support of about 40 individuals and 10 legal entities.

The project has as main partnerships the Neighborhood Association of Piedade, the Municipal School "Izaura Mendes", the Municipal School "Juventina Drummond", the Center of Reference of Social Assistance (CRAS) Alto da Cruz - Ouro Preto and the Federal University of Ouro Preto.

The CCBP is located in the Piedade neighborhood that has social facilities such as: "Izaura Mendes Municipal School" and "Juventina Drummond Municipal School", which indicates to CCBP the list of students with the greatest need of school support, which the CCBP offers classes of school reinforcement; "Pedro Aleixo" nursery school, "Pedro Aleixo" municipal school, and the Basic Health Unit (UBS), which are local partnership spaces for the dissemination of actions to attract members and users to the CCBP.

In general, the neighborhood has few alternatives for artistic, physical, cultural activities and leisure options prepared by municipal public bodies in these fields are: a sports court that is

currently closed with risk of collapse, without conditions of use, and aerobics classes, which take place in the churchyard of Nossa Senhora da Piedade Church, which positively impacts hundreds of people, mainly adults and the elderly.

The target audience of the CCBP is formed by the communities of Piedade, Morro Santana, Alto da Cruz, Padre Faria, Taquaral neighborhoods, involving children, youth and adults.

The CCBP holds team meetings on a regular basis, monthly / biweekly to chart collective planning and organize tasks on the project. The meetings aim to extract the maximum of propositional ideas in favor of the Community Center.

The students, scholars, volunteers of UFOP, collaborators of the local community, coordinators had as main activities:

- a) Encourage partnerships with libraries, schools, NGOs, foundations of the region: the members work to get partners for the project with the community is constant, during the execution of the project several people, entities, schools support the CCBP;
- b) Reform of the Community Center: the reform of the cultural center was carried out with the support of tenants who have a sales focus for civil construction, a non-governmental organization, the Lareira de Nazaré project, and individuals who donated materials for renovation. These supporters donated materials such as sand, cement, tile, paints, rolls, and other items to exchange the interior lining of the space, which was damaged due to time and neglect. In addition, the local population participated as labor in the reform carrying the donated items, working in the plaster exchange, installation of tiles, painting, cleaning of space;
- c) fundraising for CCBP reform: the project received donation of books, physical structure for the inauguration of the library and furniture (chair, wallets, paintings) of another extension project, Biblioteca do Bairro São Sebastião, partner and via community local;
- d) dissemination of dance activities in the CCBP and CEDUFOP - UFOP and other actions: the publicity of the actions were made by scholars and volunteers, 6 people, via panfletagem in the neighborhood and adjacencies, via Facebook, e-mail as a way to bring more people to participate in these project actions;
- e) salsa and forró classes at CCBP and CEDUFOP (Centro Universitário de Ouro Preto): classes were given by a couple of project monitors between 2016 and mid-2017;
- f) school reinforcement classes for children and young people who study in elementary school: the activities of school reinforcement are done in support mainly to the students of the Municipal School Izaura Mendes, located in the neighborhood Piedade, Ouro Preto, M.G. Non-formal education classes take place in the Cultural Center in the mornings for students from 1st to 5th year, and in the afternoon for students from 6th to 9th grade. The proportion of 5 students for each team monitor is sought in such a way as to enable the closest and most productive attendance in student learning. These school support activities occur for all disciplines of basic education since the middle of 2017, after civil reform and acquisition of furniture;
- g) workshop of musicalization: the activity of musicalization counted with volunteer, in 2017, that developed music activity in flute sweet for 15 students in the morning shift;
- h) circus office: the volunteer monitor developed circus activities in 2017, doing circus kits and juggling workshops with 10 students in the morning shift;

- i) Basic English classes: English classes were offered for the morning and afternoon shift for children, young people and adults through the collaborating teachers.
- j) Spanish classes: Spanish classes were offered by volunteer teachers for afternoon students, young people and adults in the community;
- k) visits (excursions): in September 2017 the tour to the Itacolomi State Park and the Tea Museum in the city of Ouro Preto, MG. In March 2018, a tour was conducted with the tourist train between the municipalities of Ouro Preto, M.G. and Mariana, M.G. These visits had 68 students and 18 participating monitors.

3. Results and discussion

The project started by reforming the space that required a lot of energy, proactivity and team time. The extensive civilian reform allowed the exchange of wall covering, tile addition, painting of walls, doors and windows, reactivation of electric energy, cleaning of space, weeding, repair of leakage of external piping to the CCBP.

The practical work was carried out with the participation of two masons Cirilo Lucas Teixeira and Cláudio Gomes along with the helpers of the masons: André Estanislau, Gemirson Reis, Diego Teixeira, Samuel Souza, José Vilela (president of the Piedade neighborhood association). The donations of the materials were made by tenants of the construction industry: Depósito Tiradentes, Ouro Preto Construction Material, Nacional Tintas, and the non-governmental organization Lareira de Nazaré and by the resident of Lourenço Walmir neighborhood. Figure 1, Figure 2, Figure 3 presents the CCBP space in the moments of pre reform and post reform.



Figure 1: CCBP room 1 pre-reform and post-reform.



Figure 2: Room 2 of the CCBP pre reform and post reform.



Figure 3: CCBP pre-reform and post-reform.

The reform of the space was accomplished through community involvement, joint efforts, which allowed the reopening of the community center in 2017, which had been closed for years. This collective action demonstrated the care, sense of zeal, belonging of the residents to the space. The CCBP dance classes received users between 5 and 65 years of age, an important collective experience to involve different generations of the community in the same space. The dance project made it possible for the users of the Center to get to know more about the culture of the forró and salsa in roda, an important experience to develop the capacity to develop collective activity, motor, physical conditioning and stress reduction of the dancers. Next, Figure 4 shows the space destined for dance activities and other collective actions.



Figure 4: Upper room available for dance classes and other activities in the CCBP.

After the civil reform, a campaign for the acquisition of books and structure for the Cultural Center began with the community and other partner projects of the program. Currently, the collection of books has approximately 3000 copies, the books are lent free of charge to the community.

The monitoring work to the students of the Municipal School Izaura Mendes made it possible to approach the CCBP with the local school teachers, allowing a harmonious and productive partnership relationship for the community. As a result of this joint action, there was an improvement in school performance, awakening and developing students' self-confidence in solving individual and community problems.

In addition to school reinforcement, other issues are addressed such as awareness of the rational use of water, management of household waste, recycling, preservation of the environment, heritage, occur also, user service, organization and updating of the collection of books of the CCBP.

The majority of the students come from the Izaura Mendes Municipal School, the students from the State School of the Horácio Andrade, the Dom Veloso State School and the Marília de Dirceu State School are also impacted by the project, but in less number, about 10% of the total. Next, Figure 5 presents room 1 of the Cultural Center of Bairro Piedade in activity with the students.

English classes are on Mondays in the afternoon, and from Saturday on the morning offered by project monitors and on Saturdays, classes take place in the morning with another resident neighborhood. Spanish classes are taught by a volunteer teacher, on Tuesday afternoons with a focus on teaching to young people and adults. Figure 6, below, shows the teacher and students in basic Spanish class.



Figure 5: CCBP study room 1. Figure 6: CCBP study room 2.

The flute and circus workshop music classes have been held on Thursdays in the morning through external collaborators. These activities allow the improvement of concentration and motor skills, and the development of teamwork for students. Figure 7 and Figure 8 show the monitor and circus workshop students.



Figure 7: Circus office in the CCBP. Figure 8: CCBP circus workshop.

The visit to the Itacolomi State Park and Tea Museum, in November 2017. This activity was demanded by the community and CCBP attended. Children and monitors, community collaborators participated in the visit, where most of the children were able to visit the state park belonging to the Brazilian Atlantic Rainforest and Tea Museum, which was the source of the Indian type of tea, *Cameliasinensis*, during the first half of the 20th century. Figure 9 and Figure 10 show the class of students and instructors who participated in this visit.



Figure 9: Itacolomi State Park. Figure 10: Itacolomi Tea Museum.

The tour conducted in March 2018 was the tourist train in the municipalities of Ouro Preto, M.G. and Mariana, M.G. This visit was attended by the group of capoeira Terra Preta, with students from the Pastoral of the child and adolescent, neighborhood Taquaral and the House of Culture of

the neighborhood Alto da Cruz, as a way to promote the local culture and stimulate the project were carried out wheels and presentations during the tour. The tour was supported by another UFOP extension project called "Circulatrilha". This tour fomented the discussion of the local natural and historical patrimony. Figure 11, Figure 12, below present the students and monitors on the train ride.



Figure 11: Tourist train ride. Figure 12: Tourist train ride.

To serve the user it was necessary the commitment of the monitors for the allocation of the students and their families in such a way as to guarantee attendance to all the enrolled ones. In 2017, 176 registrations were made of people interested in the extension project, which shows high demand of neighborhood residents and surrounding areas for social projects of this magnitude. Of the total enrollments, the CCBP counted with the frequency of about 70 students distributed throughout the week for all activities of the CCBP.

The actions of the project are often organized by the monitors and local community, demonstrate their autonomy to maintain space and foster new partnerships. The teachers of the Municipal School Izaura Mendes report that the school reinforcement classes of the CCBP project works in a positive way to improve concentration, self-confidence and student performance.

4. Conclusion / Final Considerations

The activities developed in Piedade Cultural Center project enabled the exchange of knowledge among those involved, in which there was support from the community in the learning processes for the students. The CCBP aroused greater interest of the population for the use of the community center.

The potential of the CCBP users was fundamental for the construction of more confident, critical, autonomous and creative subjects and, consequently, able to make conscious choices that go to a more egalitarian and just society. A lot of proactivity, organization, team members' disposition was necessary to keep the CCBP active in the community.

There is much to do to promote the exchange of knowledge in the CCBP project, a constant exploration of new activities and ideas should be considered for the collective development of the project. In addition, due attention and zeal on the part of the community and federal entities is required for the Piedade Cultural Center project to continue its social work with quality over the years.

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