



# GLOBAL SUBSIDIES: COMMUNITY ASSESSMENT RESULTS

Use this form to report the results of the community assessment of your global grant application to The Rotary Foundation.

Assessing the strengths and weaknesses, needs and resources of the community you plan to help is an essential first step in designing an effective and sustainable global grant project. See Tools to Identify Community Needs for instructions and tips.

This form is intended to help you report the results of your assessment and is required for any grant application that involves a humanitarian project or vocational training team. Complete a form for each beneficiary (eg, school, health system, or village), using up-to-date, group-specific information. Global grant funds cannot be used to cover the cost of this assessment (but district grants may support such activity).

## **COMMUNITY OVERVIEW**

Describe the characteristics (such as geographic data, main sources of income, population size and access to educational/medical services) of the community in which the project will be carried out.

The Municipal School Dr. Ruben Roberto Schmidlin, is located in the neighborhood of Morro do Meio, Joinville City, Santa Catarina State, Brazil. The community is low-income, many of its students live in squatters.

The neighborhood has two municipal schools, two Child Education Centers, a Social Assistance Reference Center, two Basic Health Units and an Oral Health Unit.

## **COLLECTING COMMUNITY ASSESSMENT DATA**

Who did you speak to in the community when you carried out the assessment? Discussions must include at least two community representatives and beneficiaries who are not involved in rotary (such as teachers, doctors, or community leaders).

To carry out the evaluation, conversations were held with Vanessa Triervailer de Souza, current Manager of Escola Municipal Dr. Ruben Roberto Schmidlin and Ms. Luciane de Grasia Vicente, President of the Association of Parents and Teachers at Escola Municipal Dr. Ruben Roberto Schmidlin.

When did the discussions take place?

Discussions took place in February and March 2022.

What methods did you use to gather information from community members (eg community meetings, interviews or focus groups)?

Meetings were held at the headquarters of the Rotary Club of Joinville Manchester, where representatives explained the needs of the School Unit and the community, and a survey of information about the community and the School Unit was carried out.

### **TARGET POPULATION**

Who is the project directly benefiting? List the groups that will benefit (such as schools, hospitals, vocational training centers, cooperatives or villages).

The project will directly benefit 1055 students and 82 employees of Escola Municipal Dr. Ruben Roberto Schmidlin, located in the neighborhood of Morro do Meio, city: Joinville, state: Santa Catarina, country: Brazil.

Describe the process used to identify beneficiaries.

Conversations and meetings were held with the community, where it was found that the Municipal School Dr. Ruben Roberto Schmidlin serves low-income students, without access to technology and culture, with the school being the benchmark for students.

### **COMMUNITY STRENGTHS, NEEDS AND PRIORITIES AND PROJECT DESIGN**

Describe what community members said was important to them during the assessment.

Community members reported that Escola Municipal Dr. Ruben Roberto Schmidlin needs partnerships to provide his students with access to technology and new learning, as students live in a low-income community, have low school performance, do not have access to technology, no opportunities, no access to culture, and the school is the reference for the community, where it provides new experiences to students and the community.

Describe the community's strengths and resources.

The Municipal School Dr. Ruben Roberto Schmidlin, serves students who are interested in new learning, the servers are committed and dedicated and are always looking for new opportunities for their students.

Descreva qualquer desafio e lacunas nos comportamentos, habilidades e conhecimentos da comunidade.

The school transmits knowledge to students through textbooks, and teachers complement it with research, and other means, but it is noticed that there are still gaps in student learning, as they do not have access to technology and culture.

What problems does the project aim to solve and how is the community currently dealing with these problems?

Access to culture, technology and low school performance are the main problems that the project aims to solve.

Each student learns in a different way. For example, some students learn more easily with verbal techniques; others, with strategies that involve the visual.

Technology through virtual reality and robotics will allow the teacher to use all ways of learning and leverage some. It will provide students with access to culture, develop and encourage students to become professionals in science, amplify scientific and technological advances, with the mission of enabling them to organize thought in a logical way, and assist in the construction of a critical and participatory in relation to the environment in which one lives.

Provide the specific details of the project and how this will resolve these issues.

This project aims to install a robotics and virtual reality laboratory at Escola Municipal Dr. Ruben Roberto Schmidlin, with the purchase of virtual reality glasses, Lego kits and furniture. Students will have robotics classes with Lego kits and classes using virtual reality glasses.

With virtual reality activities, students will be able to see the world through their own eyes. Immersion is the central idea of virtual reality, technology interacts with information, and, in this way, will allow students to create their own experiences with the object of study, as if everything were real. For example, witness fantastic images around the world, participate in a tour of Ancient Rome, participate in the Apollo 11 expedition to the moon, visit museums, among others.

Robotics classes through Lego kits will ensure the development of skills and promote improvements in learning, personal life and prepare students for professional life, as some students are already being sent to the job market. Learning programming will encourage the student to organize thoughts and actions to be taken to solve the challenges involved in creative projects. Reflecting on the ability to organize in

general, such as planning tasks and activities, structuring thoughts and even the way of studying.

Teaching programming and robotics also influences, helps and improves the learning of humanities subjects, as well as improving writing. You will learn to program and so the student will discover their potential and stimulate their aptitudes. They will become more engaged and excited to follow suit in search of new challenges. In addition, in the future, as they have different skills, they should stand out in the job market. Another benefit that we can highlight in learning programming and robotics is the students' ability to solve problems. In the world of technology, to be able to communicate effectively, certain logical standards must be followed. If, by chance, a code sequence is not developed correctly, the project will not respond accordingly, then the student is faced with a situation that will need to be resolved in order to fulfill the proposed challenge.

Describe the long-term plan for the project (eg, oversight, financial responsibilities, and expected behavioral change) after Rotary completes its involvement in the initiative.

The supervision of the project, financial responsibility will be of the Rotary Club of Joinville Manchester, as well as the School will request reports on the development of the project, such as photos and videos of the classes, as well as indicators of the evolution of student learning.