

Paraguay Early Childhood Interactive Radio Instruction Math Program

EDC is helping Paraguay's Ministry of Education and Culture to promote interest in math among young children and support their instructors to teach early numeracy more effectively. The Paraguay Early Childhood Interactive Radio Instruction Math Program nurtures positive attitudes toward mathematics and develops a solid foundation in basic math among children four to six years old.

The program is a hybrid of EDC's highly successful *Juego y Aprendo*, a radio-based program developed for Honduras, and the Big Math for Little Kids (BMLK) model, which EDC has helped implement and evaluate in the U.S. and other countries. EDC is helping the government of Paraguay develop a series of Interactive Radio Instruction programs in early numeracy and train approximately 400 teachers in the proper use and implementation of the hybrid curriculum.

The program, *Tikichuela: Matemáticas en mi Escuela*, is being developed and piloted with the potential for expansion in Paraguay and to serve as a model for other countries in Latin America.

Partners

Ministry of Education and Culture
Inter-American Development Bank
Organization of Iber-American States
Innovations for Poverty Action



This project is part of a larger initiative to improve mathematics and science instruction for early learners throughout Latin America.

— Katharine Yasin, Project Director

Project Objectives

- Promote positive attitudes towards mathematics among early learners in Paraguay.
- Develop a solid foundation in basic math competencies.
- Provide support to teachers in early numeracy instruction

Project Activities

1. Produce a 108-lesson curriculum and pedagogic model for early numeracy based on EDC's Interactive Radio Instruction methodology that conforms to the bilingual indigenous context of Paraguay.
2. Train approximately 400 teachers in the proper use and implementation of the curriculum.
3. Train a national team in interactive radio production to ensure the sustainability and continuity of the strategy.