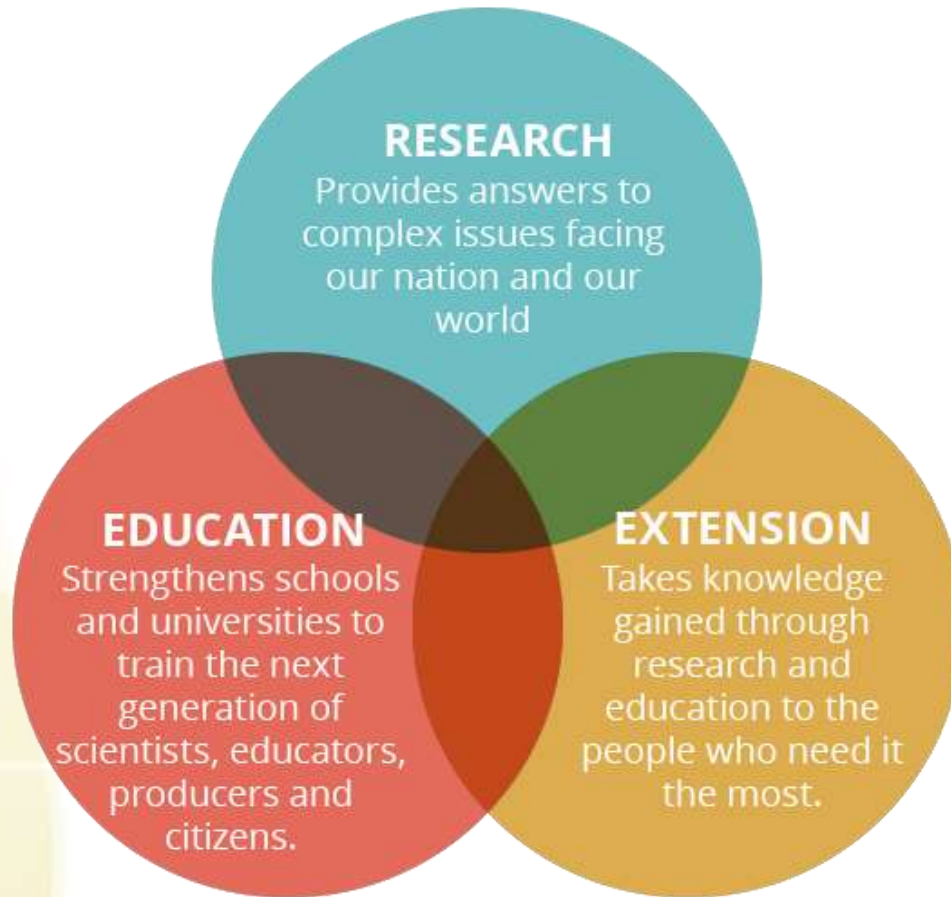


EDUCATING PEOPLE ABOUT BEES IN BRAZIL

Stingless bees' projects in the city of
Uberlândia – Minas Gerais

Arthur Bonfá Sant'ana
Fernanda Helena Nogueira-Ferreira

What's the role of universities?



Our projects involving stingless bees

2012

Cantinho
das
Abelhas
CMB

2014

Novos
Talentos
Project
"Who
wants to be
a scientist?"

2016

Brazilian
Immersion
activity
STEM-
CAPES

2018

Building
bridges
between
scientific
knowledge and
communities

Cantinho das abelhas

The Cerrado Museum of Biodiversity



Cantinho das abelhas (Bees' corner)



The Cerrado Museum of Biodiversity - UFU (Uberlândia-MG)



The Cerrado Museum of Biodiversity - UFU (Uberlândia-MG)



The Cerrado Museum of Biodiversity - UFU (Uberlândia-MG)



More science, culture and integration




Who wants to be a scientist?



3. International cooperation program STEM

(CAPES Edital n° 06/2015)

This program was divided in two stages:

A decorative illustration on the left side of the slide features a white daisy with a yellow center and a small yellow and black striped bee flying towards it. The background consists of a light yellow hexagonal pattern.

Participation in
immersion
activities in the
United Kingdom

Dissemination of
knowledge (after
returning to Brazil)

International cooperation program STEM

“Workshop STEM:
the bee invasion at schools”

STEM Workshop goals:

Provide teachers and students autonomy so that they can conduct scientific investigations at school

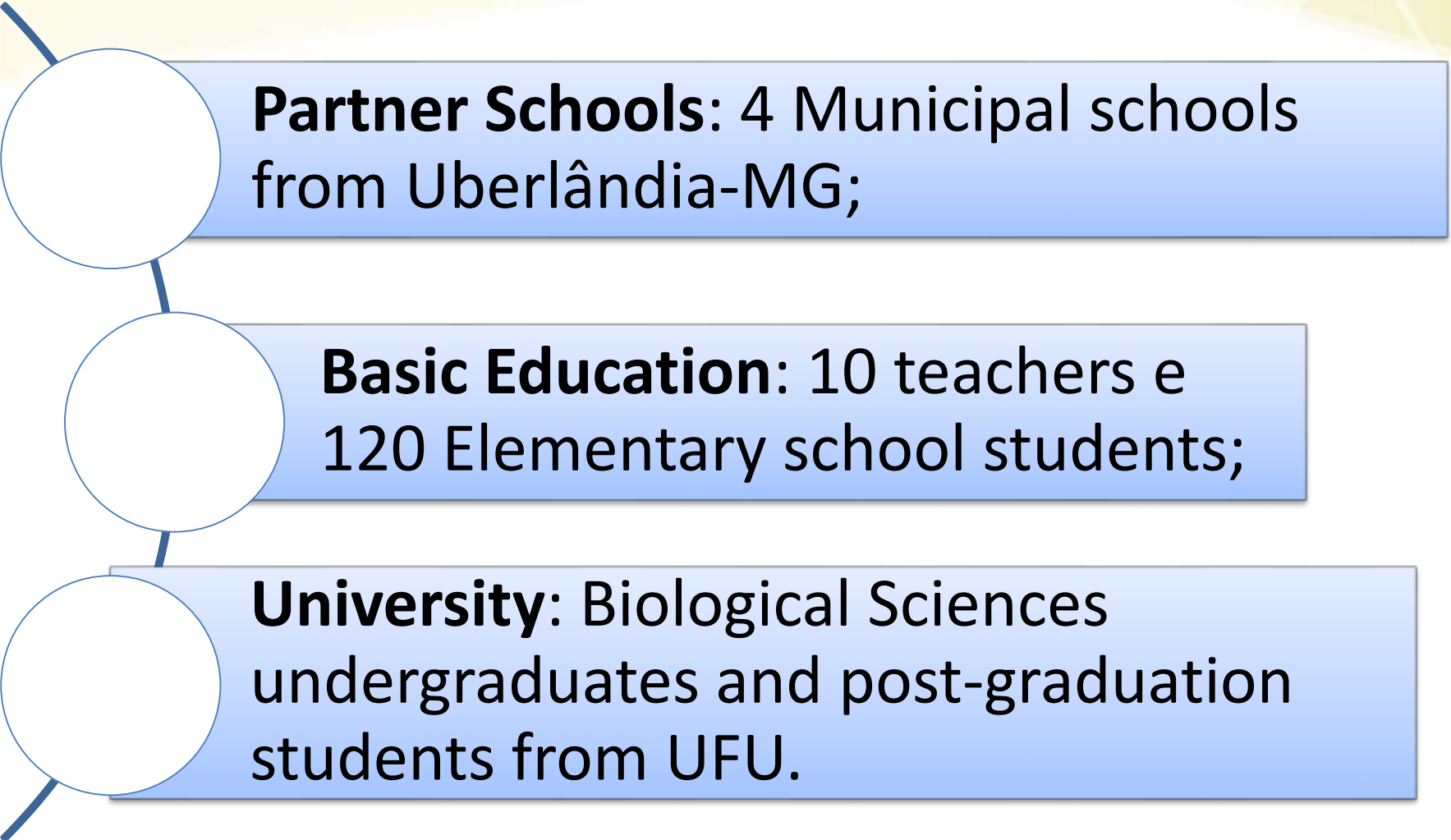
Stimulate schools to perform multidisciplinary projects

Produce useful educational resources for schools

Create a link between schools and the university



Who is involved?



Partner Schools: 4 Municipal schools from Uberlândia-MG;

Basic Education: 10 teachers e 120 Elementary school students;

University: Biological Sciences undergraduates and post-graduation students from UFU.

Activities at the university



At Cantinho das abelhas (Bees' corner)



Painting sessions at schools



Planting flower beds



Transferring hives



Doce Jardim (Sweet Garden)



Doce Jardim (Sweet Garden)



Doce Jardim (Sweet Garden)



Agroecological farmers



Stingless bees' nests



Farmers' market



Our special thanks to

- Partner schools: teachers, management and students.
- Everyone from LECA, especially professor Fernanda Helena Nogueira-Ferreira, our coordinator.
- Professor Dr. Shamsul Bahri B. Abd Razak from Universiti Malaysia Terengganu.

