

Activities Report

The main actions that involved working with the use of LEGO® Braille Bricks in this period were:

- Distribution of LEGO® Braille Bricks kits to Municipal Education Departments in Brazilian states;
- Development of a training course for teachers to use LEGO® Braille Bricks;
- Production of a promotional video about the Braille Bricks Brazil Program;
- Articulation with new municipalities in Brazilian states;
- Publicity in the media;
- Meeting with the University of Sofia Bulgaria and Syddansk Universitet;
- Approval of the workshop "Inclusive literacy with the LEGO® Braille Bricks resource" by the scientific committee of the First International Congress of the Benjamin Constant Institute (I CONIN-IBC) November 7-10, 2022.

Development of actions

- **Distribution of LEGO® Braille Bricks kits to Education Departments in Brazilian states.**

In August, 976 LEGO® Braille Bricks kits and 398 user manuals were distributed. For this, 7,678.6 km were covered.

The number of schools benefiting from the Program is 415, as shown in the table below:

STATE OF MINAS GERAIS	
Belo Horizonte	152 schools
Juiz de Fora	62 schools
Uberlândia	11 schools
STATE OF SÃO PAULO	
Guaratinguetá	22 schools
Guarulhos	10 schools
Jacareí	13 schools
Praia Grande	20 schools
São Bernardo do Campo	16 schools
São Caetano do Sul	23 schools
São José dos Campos	71 schools
Tremembé	15 schools
Total schools	415



The Associação de Cegos do Rio Grande do Sul, an institution that serves visually impaired children who are enrolled in the public school system, located in the municipality of Porto Alegre, state of Rio Grande do Sul, also benefited.

- **Development of a training course for teachers to use LEGO® Braille Bricks.**

Continuing the course started in March, the course already has eight (8) virtual meetings, through Web conferences and the other activities are being carried out in the Virtual Learning Environment. This will be 10 (ten) meetings of 2 (two) hours and 80 (eighty) hours of activities produced and shared in the Virtual Environment, totaling the course of 100 (one hundred) hours.

Teacher participation has been similar from week to week. Below is the number of views:

Meeting	Date	Views
Braille Bricks Brazil Program – Access to the Virtual Learning Environment	08/09/2022	132
History and Perspectives of the Braille Bricks Brazil Program	08/16/2022	2k
Knowing visual impairment and pedagogical practices using LEGO® Braille Bricks	08/23/2022	2k
The role of the educator in inclusion, the CCS approach and the Intervention Plan	08/30/2022	1,8k
History, importance and notions of the Braille System	09/06/2022	1,3k
literacy of visually impaired children - Fundamentals of audio description	09/13/2022	1,5k
Adaptation of teaching materials for visually impaired children	09/20/2022	1,5k
The ludic and the Braille System: A possible equation?	09/27/2022	1,3k
Total views until 09/27/2022		11.532

- **Production of a promotional video about the Braille Bricks Brasil Program.**

In order for Brazil to present some promising results from the Program, another record was created with activities being developed in one of the public schools that has been served by the Program since 2019. The municipality of Franco da Rocha, in the state of São Paulo, presented excellent results of the work done with the children, so the material in the video contributes not only to the dissemination, but also to the training of teachers.

The video features audio description resources and is presented at the link <<https://fundacaodorina.org.br/casos-de-sucesso-braille-bricks/videos/>>.



- **Articulation with new municipalities in Brazilian state**

Articulation with new municipalities in Brazilian states

The process of attracting municipalities takes place considering their needs, regarding students with visual impairments, enrolled in their public schools. Contact is made with the mayors, education secretaries and even the people responsible for the pedagogical departments of each municipality. Online meetings are scheduled to present the Program proposal.

After approval of the proposal, all administrative and legal process is carried out. Cooperation Agreements are signed with the municipality, which is responsible for receiving and distributing the kits donated to all schools that have visually impaired children aged 4 to 10 enrolled in public schools. The municipality is also responsible for sending to Fundação Dorina the registration of all teachers of regular teaching classes and also of teachers of classes specialized in serving these children, both to carry out the training course for the use of the LEGO® Braille Bricks resource, which lasts approximately three months.

After completing the course, municipalities also contribute to the process of monitoring the use of the LEGO® Braille Bricks resource for a short, medium, and long-term period, up to 36 months.

Below we present the number of municipalities in the process of articulation: **73 municipalities**

REGION	STATE	NUMBER OF MUNICIPALITIES	NAME
North	Amazonas	01	Manaus
	Pará	08	Belém, Água Azul do Norte, Cametá, Santarém, Parauapebas, Abaetetuba, Altamira, Marabá
Northeast	Bahia	08	Vera Cruz, Jequié, Lauro de Freitas, Ruy Barbosa, Feira de Santana, Porto Seguro, Feira da Mata
	Pernambuco	08	Recife (Petrolina, Arcoverde, Caruaru, Cabo de Santo Agostinho, Jaboatão dos Guararapes, Olinda)
	Maranhão	01	São Luís
South	Paraná	08	Curitiba, Maringá, Londrina, Cascavel, Foz do Iguaçu, São José dos Pinhais, Ponta Grossa, Campo Mourão
	Rio Grande do Sul	11	Porto Alegre, Canela, Viamão, Caxias do Sul, Rio Grande, Pelotas, Santa Maria, Gravataí, Canoas, Novo Hamburgo, Uruguaiana



	Santa Catarina	01	Florianópolis
Southeast	São Paulo	13	Taubaté, Sorocaba, Mogi das Cruzes, Santo André, Paulínia, Ibiúna, Caraguatatuba, Ribeirão Preto, Franca, Barretos, Araraquara, Rio Claro, Santos
	Rio de Janeiro	08	Rio de Janeiro, Belford Roxo, Niterói, Nova Iguaçu, Macaé, São João de Meriti, São Gonçalo, Cabo Frio
Midwest	Federal District	06	Brasília, Gama, Ceilândia, Samambaia, Santa Maria

- **Publicity in the media.**

The Braille Bricks Brazil Program has been publicized in various media. During this period it was published in:

INTERVIEWS

Means: TV Brasil

Date: 07/25/2022

Channel: < <https://tvbrasil.ebc.com.br/reporter-sao-paulo/2022/07/criancas-aprendem-braille-com-lego>>

Means: Revista Novo Tempo

Date: 08/18/2022

Channel: < <https://www.youtube.com/watch?v=h5-4ob7MnGU>>.

PUBLICATIONS ON WEBSITES

Means: Diário do ABC - Ribeirão Pires

Date: 06/08/2022

Channel: < <https://www.abcdoabc.com.br/ribeirao-pires/noticia/ribeirao-pires-inicio-ao-uso-lego-braille-bricks-aos-alunos-deficiencia-visual-160129>>

Means: ABC online

Date: 06/10/2022

Channel:< <https://portalbigabc.com.br/educacao-de-ribeirao-pires-inicia-uso-de-metodologia-lego-braille-bricks-brasil/>>

Means: Prefeitura de Guararema

Date: 06/010/2022



Channel:<

<http://www.guararema.sp.gov.br/34/secretarias/educacao/noticias/3842/educacao+de+guararema+fech+a+parceria+com+fundao+para+aprendizado+de+braille+para+crianas+com+deficiencia+visual>>

Means: Prefeitura de Poá

Date: 06/11/2022

Channel:< <https://poa.sp.gov.br/prefeitura-de-poa-recebe-kits-lego-braille-bricks-para-educacao-inclusiva/>>

Means: Prefeitura de Bauru

Date: 06/30/2022

Channel:< <https://www2.bauru.sp.gov.br/materia.aspx?n=40971>>

Means: Portal Aceso

Date: 07/14/2022

Channel:< <https://www.portalacesse.com/braille-bricks-criancas-cegas-aprendem-o-alfabeto-brincando/>>

- **Meeting with the University of Sofia Bulgaria and Syddansk Universitet.**

On July 25, 2022, at the premises of the Dorina Nowill Foundation for the Blind, in São Paulo, Niels Langkilde and Ana Maria Martins, from the Scandinavian Studies Department of the University of Sofia Bulgaria and Syddansk Universitet, were welcomed. They are interested in learning more about the Program and offering partnerships.

- **Approval of the workshop "Inclusive literacy with the LEGO® Braille Bricks resource" by the scientific committee of the First International Congress of the Benjamin Constant Institute (I CONIN-IBC) November 7-10, 2022.**

The I CONIN-IBC, under the theme "Visual impairment and its interfaces: Education, Health and Technology", aims to comprehensively discuss contemporary issues and problems related to visual impairment, visual impairment associated with other impairments and deafblindness, prioritizing the interaction of the areas of knowledge and the sharing of experiences and knowledge among the participants.

The Congress is structured around three thematic axes: Knowledge and practices in the education of people with visual impairments; Assistive technology on the subject of visual impairment; and Health, well-being and quality of life of the visually impaired. It will be held in a hybrid format, with exclusively face-to-face, exclusively remote and hybrid activities (face-to-face with transmission and interaction of remote delegates).

With 600 places offered, 150 of which are for in-person congressmen – 50 work presenters and 100 listeners – and 450 places for remote congressmen – 50 work presenters and 400 listeners.

The Braille Bricks Brazil Program will hold the workshop "Inclusive literacy with the LEGO® Braille Bricks resource" on 11/08/2022. The Dorina Nowill Foundation for the Blind was also invited to participate in a Roundtable with the theme: "Contexts and challenges of using the Braille system today", on 11/09/2022.



- **Participation in the LEGO Foundation's face-to-face meeting with LEGO® Braille Bricks Project partners.**

On the 1st and 2nd of September 2022, the LEGO Foundation of Denmark, held a meeting with partner countries involving the LEGO® Braille Bricks Project. Fundação Dorina Nowill, representing Brazil, was part of this meeting, presenting, in a playful way and with the purpose of emphasizing the play behind a pedagogy of Constructionist, Contextualized and Meaningful (CCS) approach, how these elements develop a technology used for the knowledge construction.

The process of distributing LEGO® Braille Bricks kits to several states in Brazil was presented, and how this same process is planned for deliveries, where children can have access to the material, as well as the training of all teachers who serve them in the teaching and learning process based on the inclusion of these visually impaired children.

