





Developing the Cognitive Potential of Preschoolers from Disadvantaged Backgrounds

FREE EDUCATIONAL MATERIALS FROM THE DECODE PROJECT

Educational materials for kindergarten teachers, parents of preschool children and the professional community have been developed as part of the European project – DEveloping the COgnitivE Potential of Preschoolers from Disadvantaged Backgrounds (DECODE), under registration number 2022-1-CZ01-KA220-SCH-000086145





www.decode.raabe.cz

About the DECODE project

The DECODE project (full name – Developing the Cognitive Potential of Preschoolers from Disadvantaged Backgrounds") is an international European project, developed as part of the **Erasmus+** programme (Key Action KA220-SCH – Cooperative Partnerships, project registration number: **2022-1-CZ01-KA220-SCH-000086145**).

The project is coordinated by the **Dr. Josef Raabe Publishing House** and involves three European countries: the **Czech Republic, the Slovak Republic and Slovenia**. A total of **eight partners** are involved in the project, including four professional organisations:

- Association of Preschool Education (APV) and Dr. Josef Raabe Publishing House (Prague, Czech Republic),
- University of Maribor, Faculty of Education (Maribor, Slovenia),
- **EXPOL PEDAGOGIKA** (Bratislava, Slovak Republic).

In addition, one kindergarten from each participating country contributed to the development, preparation, and practical testing of the project activities:

- Liběšice Primary School and Kindergarten and Čtyřlístek Kindergarten Kadaň (Czech Republic),
- Kalinčiakova Primary school and Kindergarten (Bratislava, Slovak Republic),
- Ivan Glinšek Kindergarten (Maribor, Slovenia).

The aim of the project was to contribute **to the improvement of the quality of preschool education by introducing a comprehensive approach** to supporting **children's cognitive development**. The project focused on all preschool children, with special emphasis on those at risk of delayed cognitive development.

The project's outcome is a set of **freely available educational materials and online tools** designed to foster development of children's cognitive skills. Pre-school teachers received comprehensive **methodological support**, **cooperation between kindergartens and families** was enhanced and **parents** were given access **to a digital repository** filled with activities suitable for use at home

In this way, kindergartens and families worked together to support children's cognitive development and strengthen their **key competences**, thereby helping to **prevent educational disadvantage** and **low levels of basic skills**.





Implementation: 2022–2025 | Erasmus+ | Coordinator: Dr. Josef Raabe Publishing House, Prague





The project results are **freely available as open educational digital resources and free digital repositories** in all national languages of the project as well as in English.

We believe that the DECODE outputs will serve as tools not only for kindergarten teachers, but also for parents at home. We are confident that these outputs will contribute to improving the quality of education the quality of preschool education for children in all participating countries.

DECODE project partners and Raabe Publishing team

All DECODE outputs can be found on the official website:

https://decode.raabe.cz/project-objectives-en/



The materials can be freely downloaded and are intended for teachers, parents and the professional community.





Photos from project meetings







PROJECT OUTCOMES or FREE MATERIALS from the DECODE project

Available outputs include:

- 1. Methodology for kindergarten teachers
- 2. Handbook for parents of preschool children
- 3. Handbook on workshops for teachers
- 4. Training programme for kindergarten teachers
- 5. Digital activity repository for children

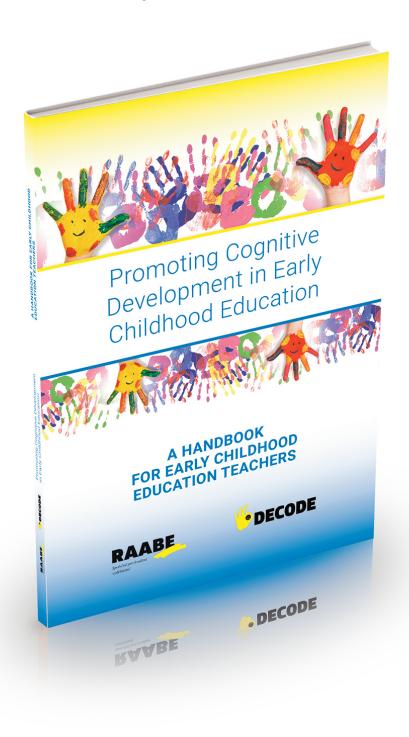




FIRST PROJECT OUTPUT -

METHODOLOGY FOR KINDERGARTEN TEACHERS

One of the first outputs of the project is a publication entitled **Promoting Cognitive Development in Early Chilhood Education**. This publication is primarily intended for kindergarten teachers and aims to enhance their readiness to apply effective educational strategies that support the balanced socio-emotional and cognitive development of children (not only) from socially disadvantaged backgrounds. The publication combines expert theoretical content with 96 engaging learning activities for working with children.

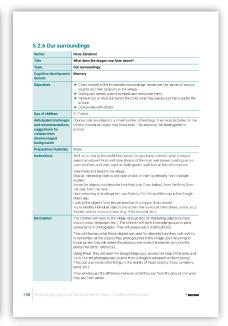




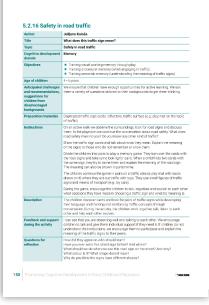














The publication is available in PDF format and can be downloaded free of charge.

Download at:

https://decode.raabe.cz/project-objectives-en/







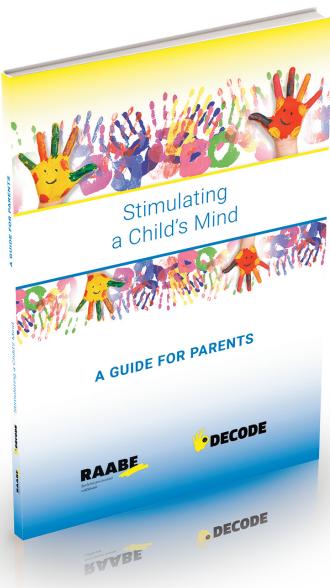
SECOND PROJECT OUTPUT -

A HANDBOOK FOR PARENTS OF PRESCHOOL CHILDREN

Another guide, **Stimulating a Child's Mind**, offers tips on activities that can support your child in the transition from nursery to primary school. It focuses particularly on the development of intellectual skills such as perception, attention, memory, thinking, language and speech.

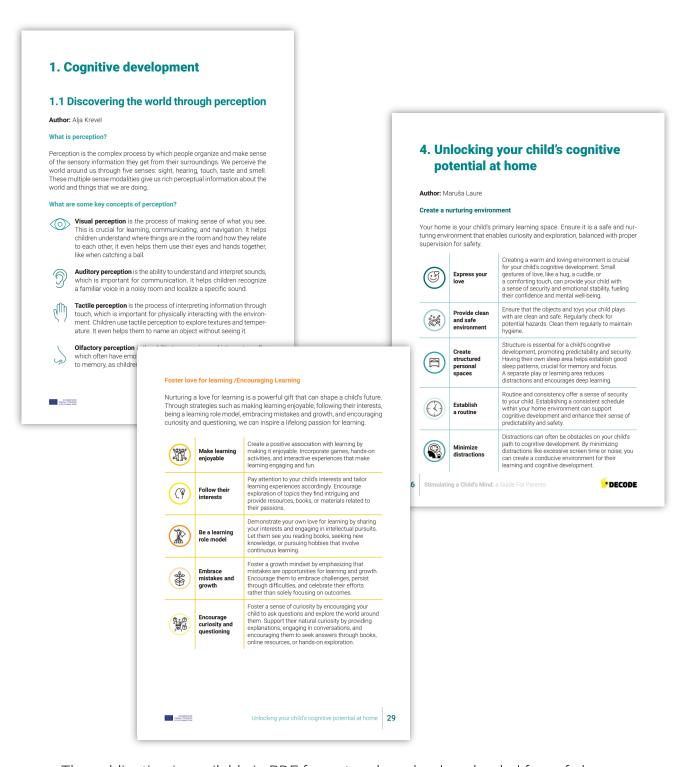
The introduction provides an overview of these areas to help you better understand you can better understand what school readiness entails. This is followed by practical recommendations for supporting your child at home – from creating a stimulating environment and encouraging learning, to developing healthy habits and a positive relationship with knowledge.

Finally, the guide provides concrete ideas for both indoor and outdoor activities that help your child learn with joy.









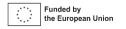
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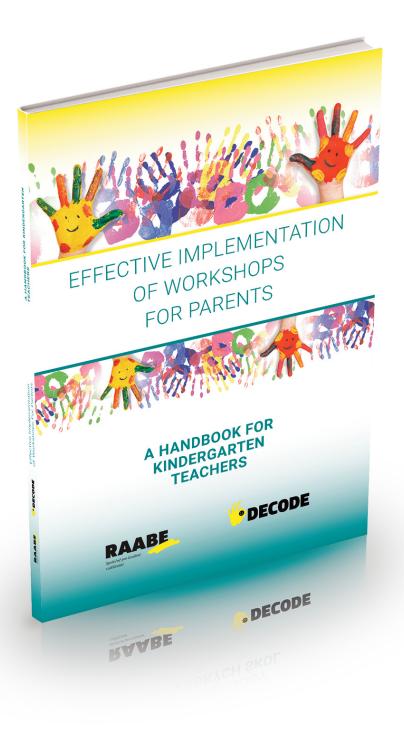




THIRD PROJECT OUTPUT -

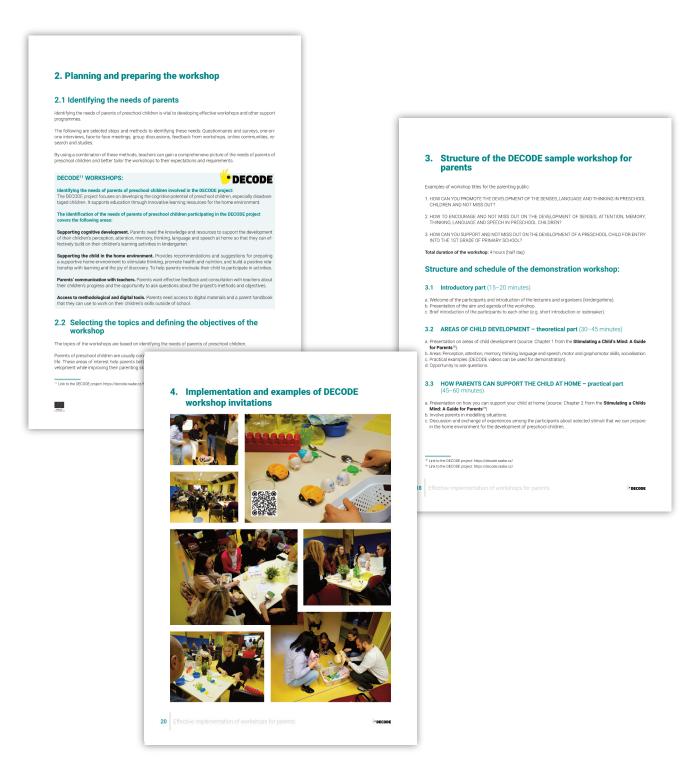
A MANUAL ON WORKSHOPS FOR TEACHERS

Effective Implementation of Workshops for Parents is a practical guide for kindergarten teachers who want to effectively involve parents in the education of preschool children. The manual offers clear guidelines, tips and strategies on how to successfully prepare, organize and conduct workshops and seminars that promote active collaboration between school and family. The goal of these activities is to motivate parents to create a stimulating learning environment at home, thereby enhancing children's cognitive and socio-emotional development.









The publication is available in PDF format and can be downloaded free of charge.

Download at:

https://decode.raabe.cz/project-objectives-en/







FOURTH PROJECT OUTPUT -

TRAINING PROGRAMME FOR KINDERGARTEN TEACHERS

The online course **Competence Development of Children in Preschool Kindergarten Teachers** offered under the umbrella of the Raabe Academy, is designed to support the professional growth of kindergarten teachers and promote their continued education.

The course provides flexible self-paced learning with no fixed schedule. It is enriched with expert texts, annotated presentations, video demonstrations and reflective assignments.

The aim is to strengthen the professional development of teachers and teams, equip them to face modern educational challenges, and contribute to improving the quality of preschool care and children's readiness for school.

Upon successful completion, participants receive a certificate that is officially recognised as part of their professional development.

The training programme is available online and free of charge. Registration and login are required for certificate issuance.





Register HERE:

https://www.raabe.cz/enhancing-teachers-competencies-to-support-cognitive-development







FIFTH PROJECT OUTPUT -

DIGITAL REPOSITORY OF ACTIVITIES FOR CHILDREN

DIGI HOME DECODE – a digital learning platform that is freely available and ready to use anytime, anywhere. Whether you're using a computer, tablet, or smartphone, DECODE HOME is always at your fingertips — a practical tool for supporting your child's cognitive development.

The platform **DECODE HOME** offers a set of activities focusing on five areas of cognitive development. The activities are clearly divided according to the environment in which they can be implemented – indoors (e.g. at home, ideal in bad weather) and outdoors (e.g. in the garden, in the park or when travelling, when you want to use your free time in a meaningful way).

The DECODE HOME digital environment contains a total of 320 game activities that are fun, diverse, and age-appropriate. These activities not only provide engaging play and entertainment, but also support the development of logical thinking, memory, attention, language skills and other key areas of cognitive development.



The digital repository is available in IZZY format and can be accessed freely without registration.

Link to the platform HERE: https://sk.izzi.digital/#/







Author team of the DECODE project

("DEveloping the Cognitive Potential of Preschoolers from Disadvantaged Backgrounds") of the international European Erasmus+ project (Erasmus + Program, KA220-SCH, Cooperative Partnership, project registration number: 2022-1-CZ01-KA220-SCH-000086145)

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We believe that the DECODE outputs will serve as valuable tools not only for teachers in kinder-gartens, but also for parents at home. We believe that the project outputs will contribute to improving the quality of early childhood education in all participating countries.

DECODE Project Partners and the Raabe Publishing House Team (Prague, 2025)















