



DigiChild



Co-funded by the
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DEVELOPMENT OF DIGITAL COMPETENCE IN PRESCHOOL EDUCATION

PROFESSIONAL DEVELOPMENT COURSE SYLLABUS



DEVELOPED BY
the DigiChild team



Development of Digital Competence in Preschool Education

Title	Development of Digital Competence in Preschool Education
Developers	<p>Prof. Dr. Jeanette Roos (Heidelberg University of Education) Dr. Stephen Frank (Heidelberg University of Education) Prof. Sonja Rutar (University of Primorska) Prof. Silva Bratoz (University of Primorska) Prof. Indra Odina (University of Latvia) MA Lehte Tuuling (University of Tartu) MA Ene Nool (Rakvere Rohuaia KIndergarten) MA Margit Pelli (Rakvere Rohuaia KIndergarten) MA Alenka Rust (Koper Kindergarten) MA Daina Kaina (Creakids Kindergarten)</p>
Target group	Pedagogical staff from kindergartens/early age educational establishments with children aged 0-7 years
Prior knowledge	No previous knowledge
Setting	<p>In-service training (online depending on the situation) at the University of Education HD / University of Latvia / University of Tartu / University of Primorska</p> <p>Working on three transfer tasks, partly in cooperation with team members of the own institution, approx. 20-25 participants from kindergartens Period: October 2022 to January 2023 (depending on the partner's activities)</p>
Structure (1 ECTS = 30h)	<p>Module 1-2: 1-2 attendance days 4-8 hours (at least 8h of F2F studies) (effectively 10 FB hrs. modules 1/2 of which 1 hr. breaks)</p> <p>Module 3a-3b: 1-2 attendance days of 4-8hours each (at least 8h of F2F studies) (effectively 8 FB hours modules 3a/b, of which 1 hour breaks)</p>
Learning objectives	<ul style="list-style-type: none"> • Training of educational professionals to strengthen children's digital competence • Enhancing competence in the field of education with/through digital technologies
Course content Date	<p>Module 1 Introduction and first steps: 22.10.2022, 9 a.m. - 3 p.m. Reflection and development of one's own digital pedagogical attitude:</p> <ul style="list-style-type: none"> • Assessment of own digital competence and use • Digital lifeworld - what are (digital) technologies? • Educational mandate of kindergartens • Digital technologies in kindergartens (professionals/children inventory) • Studies on the use and attitude of professionals • Legal foundations <p>Module 2 Children and digital technologies: 19.11.2022, 9 a.m. - 3 p.m. Expansion of knowledge about the use, appropriation and effects of digital tools with children aged 0-7 years:</p> <ul style="list-style-type: none"> • Children's digital lifeworld (studies on digital availability/use) • Basics of developmental psychology • Risks and concerns
Transfer Task Assessment	
Transfer task parental work	

<p>Educational offer with digital media</p>	<ul style="list-style-type: none"> • Cooperation with parents <p>Module 3 Practical Application To organise educational activities in which children become active producer and can practice and expand their media skills in a creative and playful way:</p> <p>Module 3a Digital Practices I: Integrating (digital) technologies into educational programmes in kindergartens</p> <ul style="list-style-type: none"> • Enrichment of everyday pedagogical life with digital technologies Overview: Scenarios, devices and technologies • Creating opportunities to talk about and play with technologies <p>Module 3b Digital Practices II:</p> <ul style="list-style-type: none"> • Robots, stop-motion, radio play • Sharing and talking about media • Processing media experiences
<p>Participation/Certificate</p>	<p>Certificates per module for presentation at the workplace and certificate of completion for participation in all modules for further career path.</p>
<p>Evaluation</p>	<p>Short survey at the beginning and end of the training (level of knowledge/sustainability of the learning experience)</p>