



## Play, Build, Learn: Unlocking Key Competences in Preschool Education

Structured course, 02 - 08 August 2025

Place: Vilppulantie 2c, Helsinki

### AGENDA

<b>Day 1</b>	<b>Introduction to Key Competences and LEGO DUPLO</b>
09:30 – 10:30	Welcome and Orientation: Overview of the course, objectives, and expected outcomes.
10:30 – 11:00	Coffee break
11:00 – 12:30	Understanding Key Competences: Focus on communication, creativity, and problem-solving. LEGO DUPLO as a Pedagogical Tool: Introduction and potential applications.
12:30 – 14:00	Lunch
14:00 – 15:00	Activity: Explore LEGO DUPLO sets, emphasizing key competences. Theme-Based Activity: Simple construction tasks: introduction to planning and basic building tasks.
15:00 – 15:30	Coffee break
15:30 – 16:30	Theme-Based Activity: Simple construction tasks from: introduction to planning and basic building tasks.
<b>Day 2</b>	<b>Communication and Language Development</b>
09:30 – 10:30	Interactive Lecture: Strategies to develop language skills through storytelling and role-playing.
10:30 – 11:00	Coffee break
11:00 – 12:30	Activity: Storytelling using DUPLO characters (e.g. role-playing market situations).
12:30 – 14:00	Lunch
14:00 – 15:00	Workshop: Build storytelling scenes with LEGO DUPLO.
15:00 – 15:30	Coffee break
15:30 – 16:30	Theme-Based Activity: Build a vegetable market, fostering communication and entrepreneurship.
<b>Day 3</b>	<b>Creativity and Imagination</b>
09:30 – 10:30	Interactive Lecture: Encouraging creativity through open-ended play.
10:30 – 11:00	Coffee break
11:00 – 12:30	Activity: Design seasonal scenes (e.g., recreate seasonal tree designs).
12:30 – 14:00	Lunch
14:00 – 15:00	Creative Challenge: Visualize imaginative constructions.
15:00 – 15:30	Coffee break
15:30 – 16:30	Theme-Based Activity: Create a shadow theater and discuss visual effects and storytelling

<b>Day 4</b>	<b>Collaboration and Teamwork</b>
09:30 – 10:30	Interactive Lecture: Enhancing teamwork through collaborative tasks.
10:30 – 11:00	Coffee break
11:00 – 12:30	Activity: Group construction challenges (e.g. creating a DUPLO village with teamwork elements).
12:30 – 14:00	Lunch
14:00 – 15:00	Theme-Based Activity: Build bridges or collaborative structures (exploring balance and teamwork)
15:00 – 15:30	Coffee break
15:30 – 16:30	Reflection: Sharing experiences from collaborative play.
<b>Day 5</b>	<b>Problem-Solving and Critical Thinking</b>
09:30 – 10:30	Interactive Lecture: Introducing engineering principles with DUPLO.
10:30 – 11:00	Coffee break
11:00 – 12:30	Activity: Solve engineering challenges (create mechanisms and moving parts).
12:30 – 14:00	Lunch
14:00 – 15:00	Workshop: Construct rail systems (build functional train tracks with engineering and coding principles).
15:00 – 15:30	Coffee break
15:30 – 16:30	Reflection: Discuss innovative solutions and teamwork strategies.
<b>Day 6</b>	<b>Integrating LEGO DUPLO into Preschool Curricula</b>
09:30 – 10:30	Case Studies: Successful LEGO DUPLO integration in educational programs.
10:30 – 11:00	Coffee break
11:00 – 12:30	Activity: Plan interdisciplinary lessons with LEGO DUPLO (Learning Unit C-2: grow a vegetable garden with scientific principles..
12:30 – 14:00	Lunch
14:00 – 15:00	Theme-Based Activity: Build complex models incorporating ecology, technology, and art (Learning Unit 601: integrate multiple STEAM components).
15:00 – 15:30	Coffee break
15:30 – 16:30	Peer Review: Share and evaluate interdisciplinary lesson plans
<b>Day 7</b>	<b>Reflection, Sharing, and Certification</b>
09:30 – 10:30	Showcase: Teachers conduct mini-sessions using LEGO DUPLO, integrating chosen key competences.
10:30 – 11:00	Coffee break
11:00 – 12:30	Discussion: Evaluate the effectiveness of various activities and themes.Integrating digital tools, AI, and stakeholder strategies
12:30 – 14:00	Lunch
14:00 – 15:00	Evaluation: Feedback and improvement suggestions for future sessions.
15:00 – 15:30	Coffee break
15:30 – 16:30	Certification Ceremony: Recognize and celebrate participation and learning. Closing Remarks: Networking and future collaboration opportunities