

DESIGNING ROBOT SUPPORTED LESSONS FOR SCHOOLS OF GENERAL EDUCATION

Monday, 22.07

10:00 - 10:10 Welcome to the course - Janika Leoste

10:10 - 10:30 Educational technology in Estonian Schools – Elyna Nevski (digital skills, national documents, practical examples of students)

10:30- 11:15 Introductory round - participants share their experience of using educational technology in the classroom

11:15 - 12:00 Getting started with LEGO WeDo 2.0 robot – Linda Helene Sillat, Janika Leoste

12:00 - 12:15 Break

12:15 - 13:00 Getting started with Edison V2.0 robot – Elyna Nevski, Janika Leoste

13:00 – 13:45 Getting started with LEGO EV3 robot – Maire Tuul, Janika Leoste

13:45-14:15 Reflection round - the first emotions and reactions to the educational robots as learning tools

Tuesday, 23.07

10:00 - 10:15 The principles of creating robot supported lesson plans – Janika Leoste

10:15 - 11:00 – Solving a lesson plan with LEGO WeDo 2.0 robot – Linda Helene Sillat, Janika Leoste

11:00 - 11:45 Solving a lesson plan with Edison V2.0 robot – Elyna Nevski, Janika Leoste

11:45 - 12:00 Break

12:00 – 12:45 Solving a lesson plan with LEGO EV3 robot – Kaire Kollom, Janika Leoste

12:45 -13:15 Reflection round - the first emotions and reactions to the creation of the robot supported lesson plan

Wednesday, 24.07

10:00 - 10:45 Supporting development of teachers' digital competences – Linda Helene Sillat

10:45 - 11:45 Designing robot supported lesson plans in teams. Each team gets a mentor.

11:45 - 12:00 Break

12:00 - 12:45 Designing robot supported lesson plans with mentors continues

12:45 -13:15 Reflection round - sharing the first drafts of the lesson plans

Thursday, 25.07

10:00 - 10:15 Discussion

10:15 - 11:45 Testing lesson plans with mentors.

11:45 - 12:00 Break

12:00 - 12:45 Preparing for the next day presentation with mentors

12:45 -13:15 Reflection round - sharing the first drafts of the presentations

Friday, 26.07

10:00 - 11:45 Presentations of the lesson plans

11:45 - 12:00 Break

12:00 - 13:00 Reflection round - giving feedback for the course

13:00 - 13:15 Closing notes