Co-funded by the
Erasmus+ Programme
of the European Union

Making Technology Meaningful Through Digital Pedagogy (2018-2021)

Closing conference
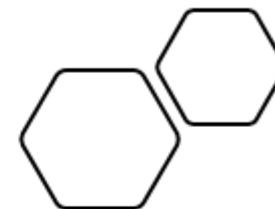30th of August 2021

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Program

Session 1 *Digital pedagogy: why, what, and how?*

- general overview of the project and its outcomes
- suggestions from the experience

Session 2 *Teachers' presentations and their reflections on digital pedagogy*

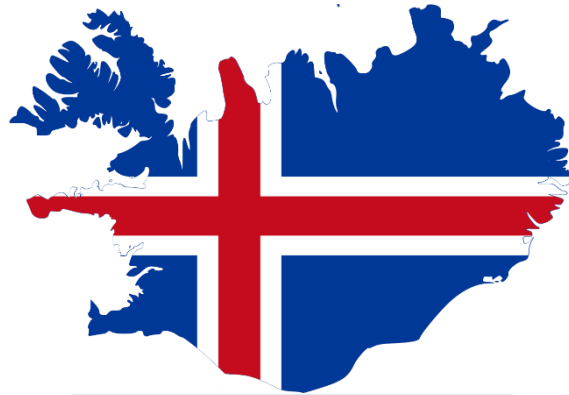**Session 3** *Roundtable discussion "Future perspectives on digital pedagogy"*
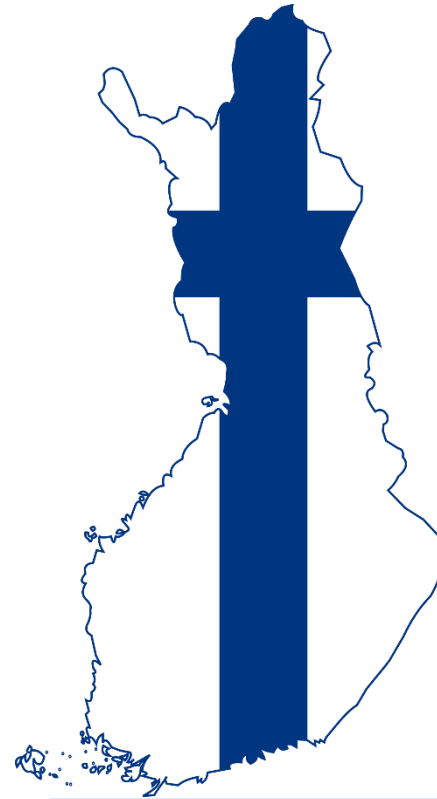
Project Partners

Mario Mäeots

University of Tartu

Hans Snorrason

Hrafnagilsskoli

Leila Halpin

Hansakallion koulu

Philipp Loss

KGS Hemmingen

Shared (digital)challenges

… too much **emphasis on** the use of **technology** in the classroom while overlooking the **focus on learning goals** …

… the **gap** between teachers and students…

GENERAL SCHOOL 9%*
PRE-SCHOOL 12%*

1990

TEACHERS

STUDENTS

Attitude   Knowledge and skills   knowledge and skills

Digital immigrants   Naturalized digitals   Digital natives

Estonian example

*Based on Statistics of Estonian Ministry of Education and Research

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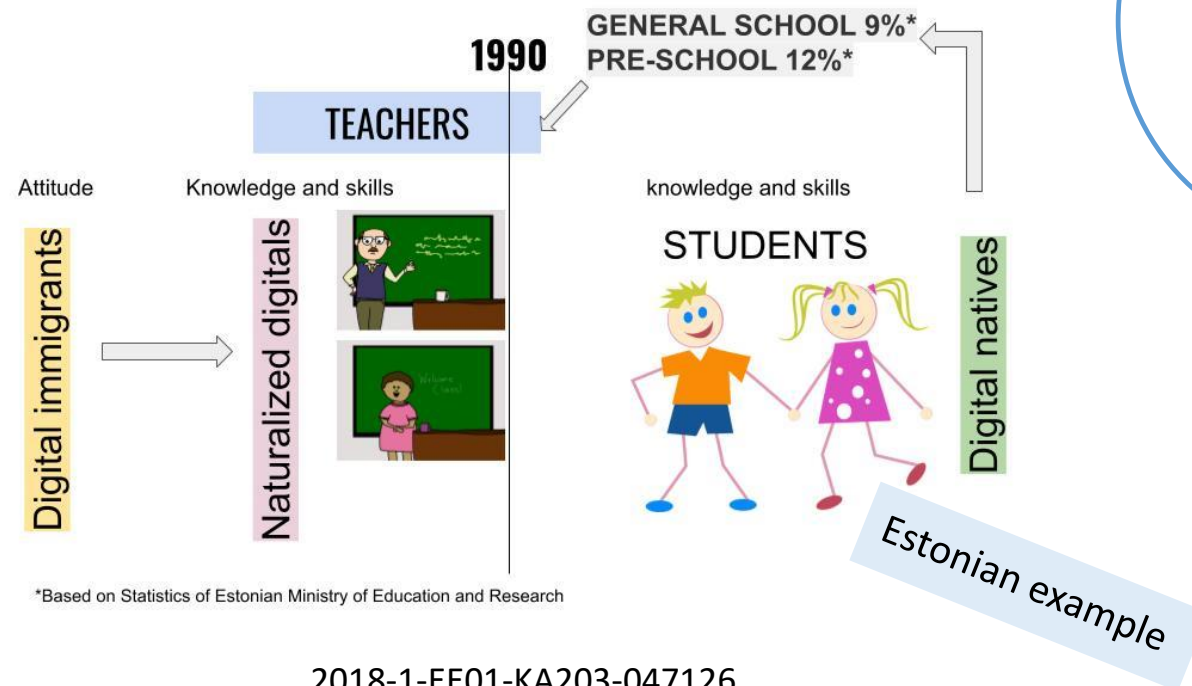
Solution

Digital pedagogy …

„meaningful use of technology for creating **pedagogical conditions** for **teaching** and **learning**"

Key point …

"teachers **create their own** digital pedagogy through their **professionalism**, **teaching skills**, and **willingness**"

2018-1-EE01-KA203-047126

Approach

… co-design … implementation … reflection
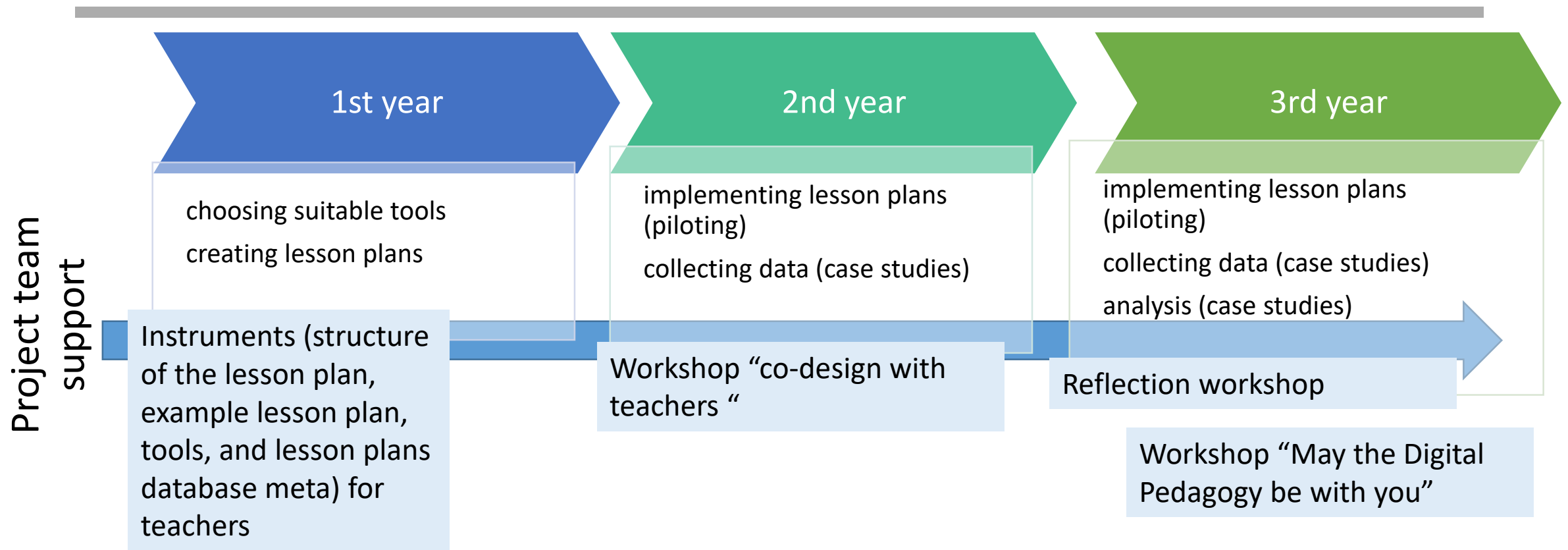
Lesson plans
Target group 10-12 years

Pilot teachers

Dagmar Þóra Sævarsdóttir, Lísbet Patrisía Gísladóttir, Tytti Lankinen, Hanna Särkkä, Sascha Abraham, Pasi Kallio, Wiebke Drath, Jana Hermanussen, Elva Díana Davíðsdóttir, Sari Hepola, Óðinn Ásgeirsson, Kaire Kollom-Vahtra, Kelly Kaukes, Jónína Margrét Guðbjartsdóttir, Sigrún Rósa Kjartansdóttir, Heta Yki-Kohtamäki, Jari Koukkumäki

Timeline and activities

Project team support

1st year
- choosing suitable tools
- creating lesson plans

Instruments (structure of the lesson plan, example lesson plan, tools, and lesson plans database meta) for teachers

2nd year
- implementing lesson plans (piloting)
- collecting data (case studies)

Workshop "co-design with teachers "

3rd year
- implementing lesson plans (piloting)
- collecting data (case studies)
- analysis (case studies)

Reflection workshop

Workshop "May the Digital Pedagogy be with you"

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Outcome #1

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Lesson Plans

Home / Lesson Plans

87 lesson plans

Geographic Coordinate System

Age 10 | Age 11 | Age 12

Case studied | Geography

Lesson Plans

Science - climate change and how to prevent it and slow it down.

Age 10 | Age 11 | Age 12

Survey with Sheets

Age 11 | Age 12 | Case studied

Communication and collaboration

Digital content creation | ICT

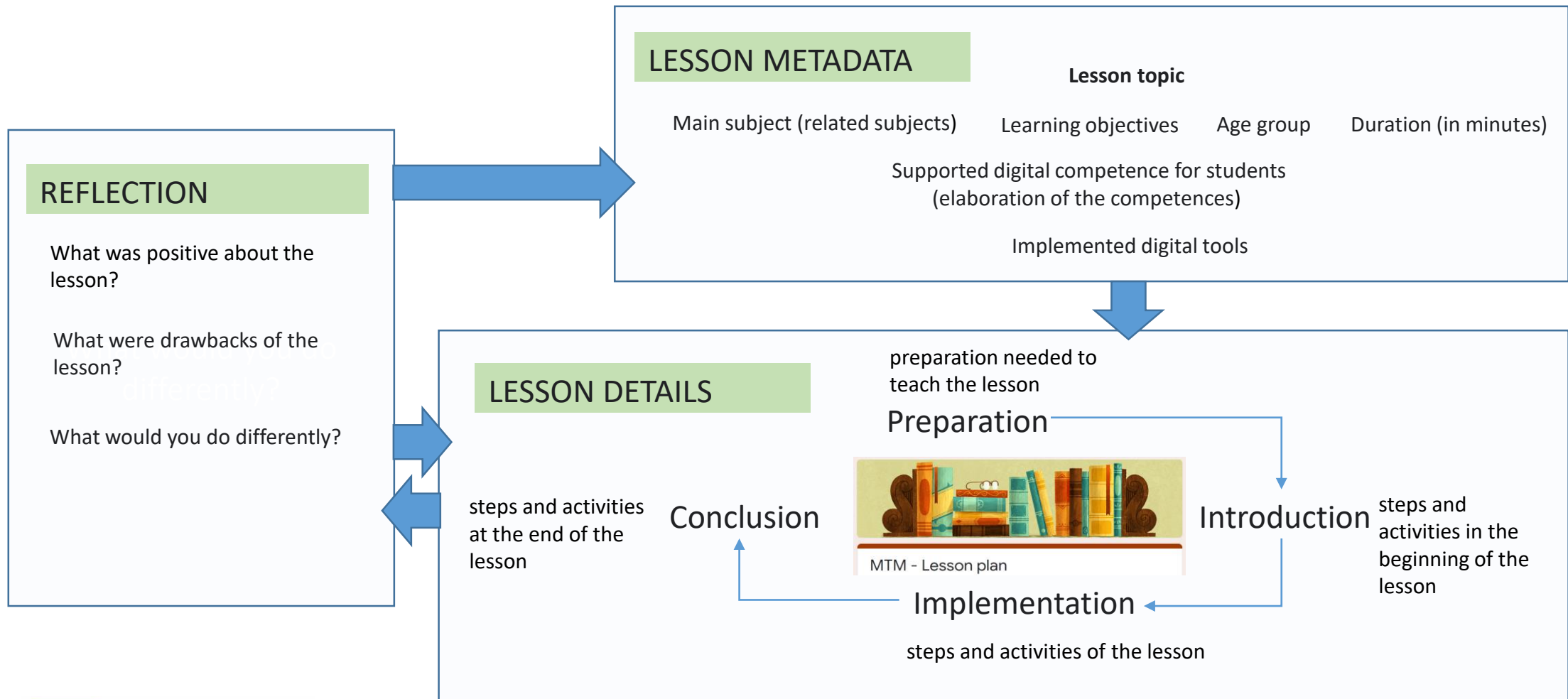Information and data literacy

Lesson Plans | Math

Search ...

Reset filter

☐ Age groups (3)
☐ Age 10 (2)
☐ Age 11 (3)
☐ Age 12 (3)

☑ Case studied (3)

☐ Main subject: (3)
☐ Geography (1)

Outcome #2

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LESSON METADATA

Lesson topic

Main subject (related subjects)   Learning objectives   Age group   Duration (in minutes)

Supported digital competence for students
(elaboration of the competences)

Implemented digital tools

REFLECTION

What was positive about the lesson?

What were drawbacks of the lesson?

What would you do differently?

LESSON DETAILS

preparation needed to teach the lesson

Preparation

steps and activities at the end of the lesson   Conclusion

MTM - Lesson plan

Introduction   steps and activities in the beginning of the lesson

Implementation

steps and activities of the lesson

Outcome #2

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motivational

skills

collaboration

PROS

pedagogical

organizational

technical

CONS

MTM - Lesson plan

REVISION

Teacher: The students choose a workout that fits to their endurance competence and they were motivated to continue training independently.

Teacher: Some students needed more help then I did predict so maybe it would have been better to take a longer time in the Introduction. Maybe the instructions has to be a little clearer, that is: first you do this, then this, then this....

Digital pedagogy ...

„meaningful use of technology for creating **pedagogical conditions** for **teaching** and **learning**"

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Teachers' presentations and their reflections on digital pedagogy

Roundtable discussion "Future perspectives on digital pedagogy"

What are the challenges?
- for teachers
- for students
- for school