



# Eduvista meets Innovation Technologies

Using Eduvista Toolkit in Tallinn  
University Teacher Training

Martin Sillaots 27.05.2014



TALLINN UNIVERSITY



# Innovation Technologies

- Course in Tallinn University
- Master curriculum
- Educational Technologists
- Teachers of Informatics

# Innovation Technologies Course Content

- Concept of innovation
- Innovation types
- Innovation management
- Supporting structure
- Risks
- Implementation
- Evaluation



**Stakeholders**



**Maturity**



**Trends**



**Scenario**



**Adoption**



**Implementation**

# Scenarios

- GPS Art
- GPS Sports
- Ancient Olympic Games
- Smart Lab
- Outdoor study day
- Smart phone advanced features

# GPS Art

Kaire Kollom

Kristi Jaason

# GPS Art

## **Trends**

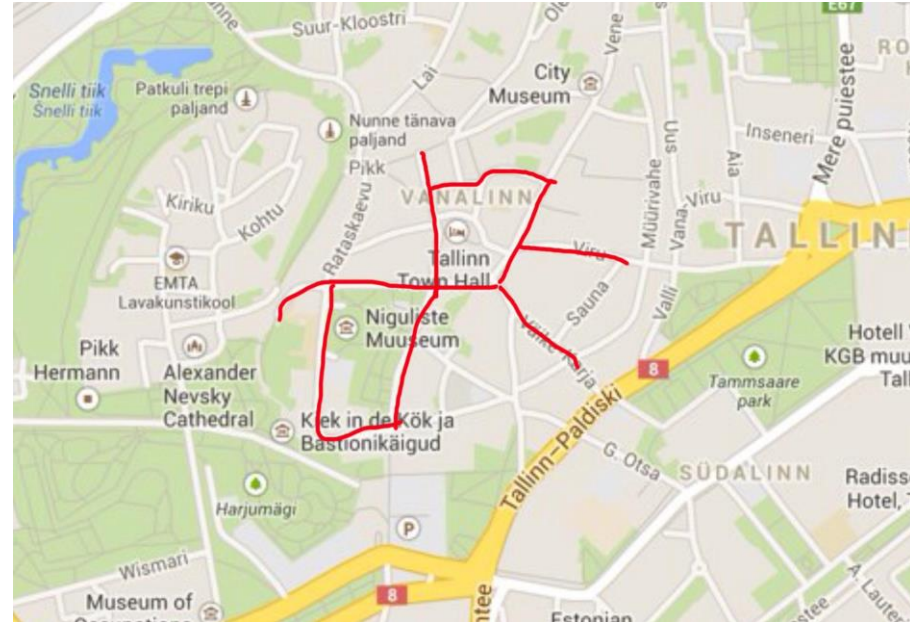
- Number of smart devices is increasing
- People do less physical exercises

## **Solution**

- Cross-curricular orientation game

# GPS Art Planning

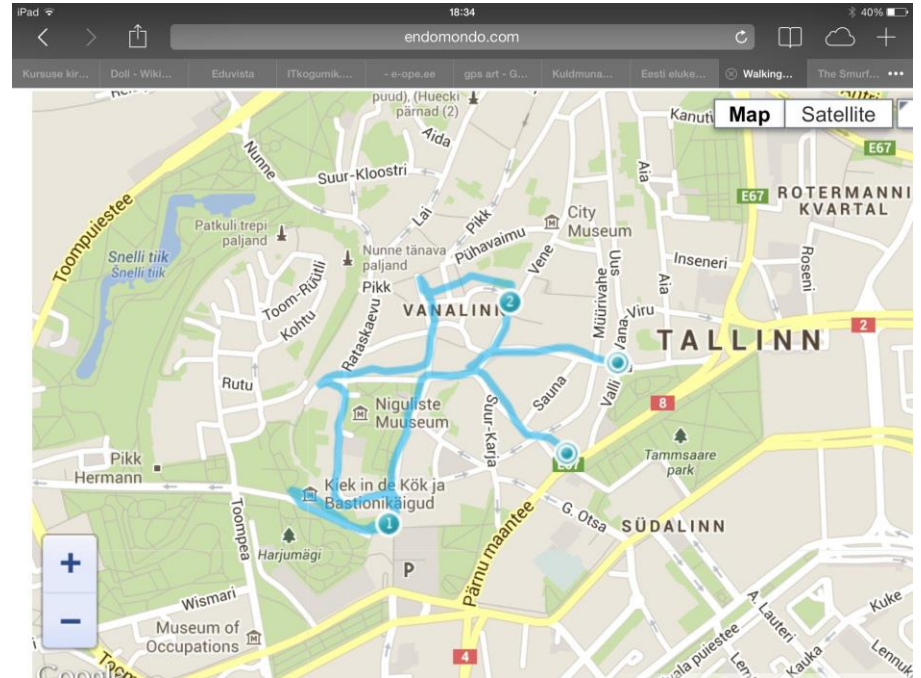
- Art teacher is drawing a shape on the map
- English teacher is making text based instructions
- Math teacher is creating exercises related with distances
- Students download Endomondo





# GPS Art Implementation

- Kids follow the instructions in real life
- Endomondo records the track
- Upload recordings to internet



# GPS Art Post Learning Activities

- Analysing recordings in the Art class
- Illustrating recordings
- Solving exercises with distances in the Math class
- Discussing the journey in the English class



# GPS Sports

Vaiko Mäe

Elo Sepp

Ruth Randoja

# GPS Sports

## **Trend**

- People do less physical exercises

## **Solution**

- One month long calorie burning competition

# GPS Sports

- Registration
- Briefing
- Download Endomondo
- Exercising
  - Regularity - min 1500 or 1000 KCl per week
- Recording exercises
  - Endomondo app or Web site or Other smart devices
- Scoreboard
- Prizes

# GPS Sports



## CHALLENGE: Sisekaitseakadeemia



<http://www.sisekaitse.ee/ska/akadeemiast/spordikeskus>

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EDIT

**Goal:** Most calories - All sports

**Country:** Estonia

**Start:** Oct 7, 2013 12:00 AM

**End:** Nov 3, 2013 11:59 PM



55  
participants



1.37  
months



4,446  
km



529,444  
calories

# Ancient Olympic Games

Mihhail Gruzdev

Katriin Orason

Katrin Schultz

Virgo Õitspuu

# Ancient Olympic Games

## **Trends**

- People do less physical exercises
- Games are interesting

## **Solution**

- Dramatized and decorated ancient Olympic games



# Ancient Olympic Games

- Investigating ancient sports in the History class
- Creating cloches and decorations in the Arts and Crafts
- Dramatized competition in the Physical Education class
- Video recording
- Video post production in the Media class



# The End

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