

# *STEM in Education*

*CI Short Mobility Meeting  
18-22 November 2019  
Edremit (Turkey)*



# Where did we go?

Edremit (TR)



# Hosting school



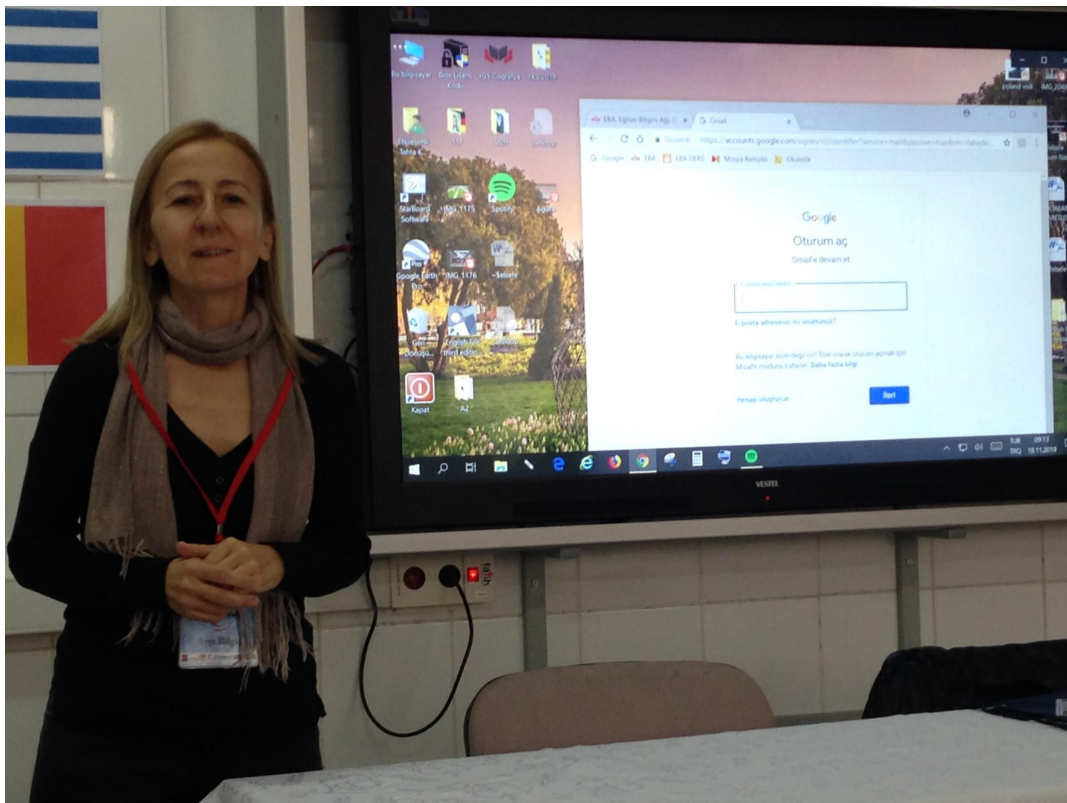
<http://pakmayaanadolulisesi.meb.k12.tr/>

*STEM Subjects:*

*Maths, Chemistry, Physics*



# START working!



## Agenda Edremit

### Main Topics:

- 1) *STEM Training*
- 2) *STEM methodology*
- 3) *Lesson Plan Template*
- 4) *Lesson Plans (first drafts)*
- 5) *EBook*

# *STEM Training*

Ümit YEL -Balıkesir district STEM Coordinator, Scientix Ambassador ([STEM Approach](#) and [schema for lesson plan](#))

Leonarda Raffoni (Project Erasmus+ [DesignSTEM](#))

Host School Math teacher TuğbaTuna and Physics teacher Evren Ogun Arayıcı ([Sample plan for STEM lesson](#))

Host School English teacher Sezen (ETwinning)

# *STEM Methodology*

# The 5Es of Deeper Learning

**E**ngage

**E**xplore

**E**xplain

**E**laborate

**E**valuate

# Hard work on STEM lesson plan



## Results:

### 1) Lesson Plan Template

The lesson plan contains information about the lesson and a set of instructions for the teachers

### 2) Lesson Plans (first drafts)

The lesson plan is a Google document containing instructions and materials for the teacher, not the resources for the students (no exercises. no tests)

# *EBook*

**The EBook will be a PDF file containing a list of other PDF files,  
one for each lesson plan.**





## *TO DO LIST...*

- 1) *Lesson Plans: 1 STEM lesson plan + 2 more ideas of STEM topics.*  
*DEADLINE Trento meeting*
- 2) *Quality Assurance: list of questions for monitoring the quality of products, both qualitative and quantitative criterias.*  
*DEADLINE 30/11*

