



CV "Летец Христо  
Топракчиев"



## **Geometric Shapes in the City**

### **1. Name of the activity – Geometric Shapes in the City – video**

**Summary of the activity** – a video that shows photos of geometric shapes of buildings and objects and that leaves a short message from each partner country during the Short-term exchange in Bulgaria. This is a group task to create a video from the visits of Sofia, Blagoevgrad and Plovdiv. It also expresses the emotions and feelings of the participants. The participants work in a group where the dividing principle is nationality. Each national team is supported by a Bulgarian student who is able to work with the IT program Momento Express.

### **2. Themes that the activity tackles**

- Maths
- Geography
- ICT
- CLIL
- Tourism
- Cultural attitude and behaviour
- Creativity

### **3. Target group**

The activity was used by students and teachers, during the Short-term exchange in Bulgaria. It can be used as an additional material in English lessons, extracurricular classes, project work or teaching workshops.

### **4. Aims and objectives of the activity**

- To underline and emphasize the practical usage of Maths
- To energize the participants to work together
- To search for and sort out materials
- To develop interactive teaching and learning
- To communicate positive messages
- To learn to work with the program Momento Express
- To share attitude and emotions

### **5. Time in minutes**



**Erasmus+ Programme – Strategic Partnership Project - STEM Education - 2018-1-IT02-KA229-048507**

60 minutes

6. **Group size:** 6 - 7 students

7. **Instructions:**

1. Presentation of the task and team separation - 5 min.

The teacher divides the students on the national principle.

Team 1 – the students from Italy

Team 2 – the students from Italy

Team 3 – the students from Cyprus

Team 4 – the students from Cyprus

Team 5 – the students from Bulgaria

Team 6 – the students from Bulgaria

Some students from Bulgaria support and help the teams all the time. They are able to work with a variety of IT programs and teach the other students to create their videos quickly and easily.

2. Creating the video – 40 minutes

3. Presenting the videos – 20 min.

8. **Debriefing and evaluation**

Evaluation – The teams compare and discuss their videos concerning places, geometric shapes and their own attitude and opinion about the Short-term exchange in Bulgaria. They are also motivated to express what abilities and competences they managed to develop working over the project STEM.

9. **Space requirements and training materials:**

A computer lab or a conference room, a projector with a computer, 6 tables with 6 computers, chairs for the participants, Internet connection.

10. **Tips for facilitators:**

You can create in advanced folders with photos from the Short-term exchange in Bulgaria.

11. **Additional information, notes**

The students have to be provoked to speak in English while presenting their videos.