***MATHS FESTIVAL***

*CROATIA ONLINE MOBILITY –* *TECHNICAL INFORMATION*

Mobility date and time: November 30 - December 4, 2020, from 1 pm to 2 pm (Portugal from 12-1 pm) Tuesday no activities

Meeting platform: Zoom Dunja Kasac's Meeting Room (link:

<https://us02web.zoom.us/j/5682748246?pwd=dmdQZmQ0alZvaXh1QUFOVTd6ZDRTZz09> )

Zoom Mirjana Jerković Meeting Room (only on two occassions but you will be informed about the date and activity in time) (link: <https://us02web.zoom.us/j/6471454565?pwd=UkFYRm9GNjNEcm1uL2tnMWRBaHdiUT09> )

Necessary equipment:

* Zoom app installed on one joint PC or on individual tablets, PC, mobiles, laptops…. (for meetings, Eurovision show, presentations…)
* individual tablets, PC, laptops, smartphones…. for online games: Mon, Wed, Fri (if possible)
* ground butter biscuits (cca 500g), sugar (500g), 250g butter (at room temperature), 100g raisins, 100g ground walnuts, 100g coconut flakes, small cupcake liners, 4 tablespoons of rum (optional), protective gloves for sweet math balls Eurovision competition (Thur)
* scissors and paper A4 for origami presentation (Thur)
* a pencil, paper, calculator for calculating Easter presentation (Thur)
* a pencil, paper, a bowl, scales for making math balls (Thur)
* prepared films about workshops - each partner country shows its own film (Fri)

*ONLINE MOBILITY - ACTIVITY SCHEDULE*

***DAY 1 - November 30, 2020 start - 13.00***

***All partners join Dunja’s room 5min prior to the meeting***

<https://us02web.zoom.us/j/5682748246?pwd=dmdQZmQ0alZvaXh1QUFOVTd6ZDRTZz09>

***a) A welcoming word***, announcing the activities 5 min

***b) Presentation of our school*** – a short film 4 min

***c) “World saving by coding”*** – online game Escape Room - 20 min

***d) A mini course of Croatian language*** – international groups of students in several rooms - 10 min (Dunja’s room + Mirjana’s room + Jasenka’s room if necessary)

*One teacher of each country will get the links to Zoom meeting rooms on their email 20min before the mobility; you can also copy-paste the above pasted links)*

***DAY 2 - December 2, 2020 start - 13.00***

***All partners join Dunja’s room 5min prior to the meeting***

***a) Announcing the activities*** *2 min*

***b) An online game in Deck.toys***  20 min

***Dunja’s room + Mirjana’s room***

***c) A virtual tour through Osijek***  8 min

***d) Jeopardy quiz*** - questions related to the virtual tour 20 min

***DAY 3 - December 3, 2020 start - 13.00***

***All partners join Dunja’s room 5min prior to the meeting***

***a) Announcing the activities*** *2 min*

***b) Origami triangle - presentation*** *15 min*

*(participants should prepare paper A4, scissors)*

***c) Determining the date of Easter -*** demonstration of the calculation method – partners calculate the year assigned to them – results presentation *15 min*

*(participants should prepare a pencil, paper, calculator)*

***d) Sweet math balls Eurovision competition*** (calculation, practical work, presentation of results, voting, tasting) *30 min*

(Participants should prepare: a pencil, paper (1-2 students for calculation), the necessary ingredients, a bowl, a tablespoon, kitchen scale, protective gloves (1-2 students for making the balls), 1-2 students for presenting the whole work in English. Voting will be done by all teachers grouped according to the countries in the way: each group gives votes but not for their own country. Finally tasting – if you want, you can use double mixture and make more balls if you have more children 😊)

***DAY 4 - December 4, 2020 start - 13.00***

***All partners join Dunja’s room 5min prior to the meeting***

***a) Announcing the activities*** *2 min*

1. ***Films part 1*** - presentation of the workshops *10min*

***c) Kahoot quiz*** *10min*

***d) Films part*** ***2***  *10min*

***e) Announcement of games winners and delivering the certificates*** *3 min*

***f) Evaluation*** - teachers, students (prepared by Sweden) *3min*

***g) Farewell greeting***  *3min*

A reminder for Swedish team: would you send us the link to the evaluation in advance? Is it ok until the 1st December, so that we send our pupils the links on Friday morning and save some meeting time? Thank you a bunch in advance.

**Films: during the workshop you take photos or film the practical work and finally make a film which will be shown to other project partners on mobility day**

**Necessary elements for the film:**

* **it should last up to 3 min**
* **it should contain both Erasmus and our project logo and project name**
* **you should name the topic of the workshop, show the most important parts of the process, show the results; include some participants’ short comments about the workshop**
* **upload the film link on the project TwinSpace**

**Workshop topics:**

**1) Pythagoras tree - Germany**

**2) Spiral of square root - Portugal**

**3) Cardioids - Sweden**

**4) Christmas cards - string art - Slovakia**

**5) Fibonacci sequence – Poland**

**6) Coordinate systems – Croatia**