



GAME-based  
learning in  
MAtematics



# Srednja škola Markantuna de Dominisa Rab

GAMMA: Project No. 2020-1-HR01-KA201-077794

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





GAME-based  
learning in  
MAThematics

# Markantun de Dominis



- born on the island of Rab in 1560
- a mover and shaker of ecclesiastical, philosophical and scientific thought, forgotten for a long time (a "forgotten genius")
- used experiment in his research
- taught mathematics at Oxford and Cambridge
- published two scientific papers about the rainbow and the tides:
  - *De radiis visus et lucis in vitris, perspectivis et iride* (About rays of vision and light in optical glass and rainbow), Venice, 1611
  - *Euripus seu de fluxu et refluxu maris sententia* (Eurip or about the tides of the sea), Rome, 1624

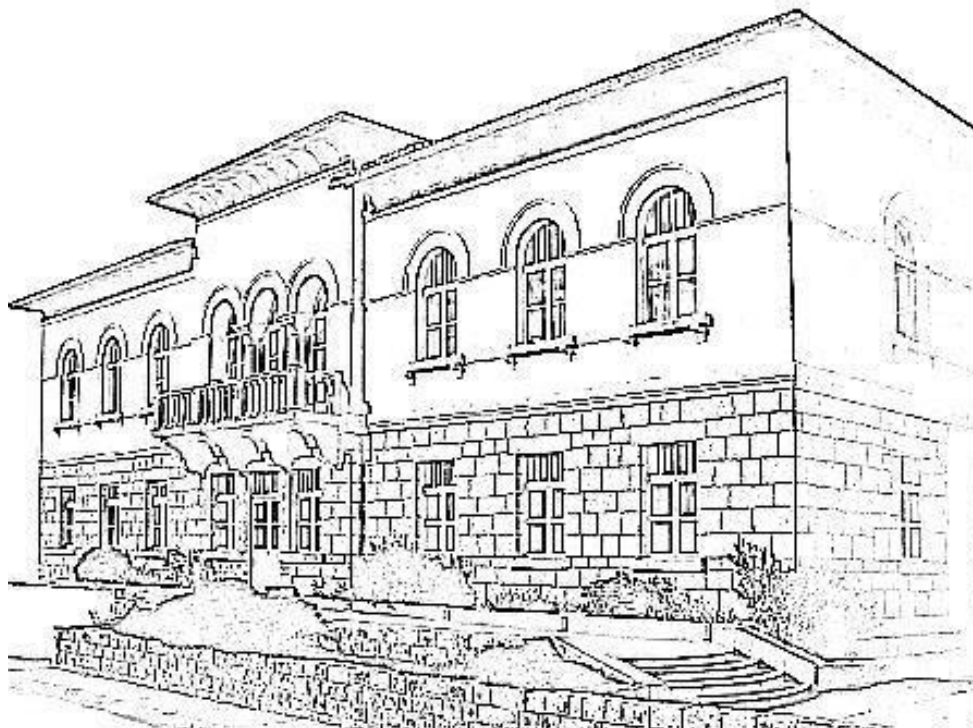




GAME-based  
learning in  
MAtematics

# School history

- High School Markantun de Dominis Rab was founded as an independent institution on November 15, 1962.
- Two years before that, it was a branch school of the Opatija Catering School.
- In the school year 1981/82 a new part of the building was built for the joint work of the primary school and the Center of education and directed education in the catering.
- In 1990 the opening of the general grammar school program was launched.





GAME-based  
learning in  
MAtematics

# School today

- programmes:
  - vocational
    - tourism, catering and management specialists
    - waiters
    - cooks
  - general grammar
- school cooperative *KUŠ (creative cooperative students)* operates in school.
- experimental secondary school (for the last two years)
- e-school, e-Twinning School
- on average, there are between 150 - 200 students and about 25 employees.



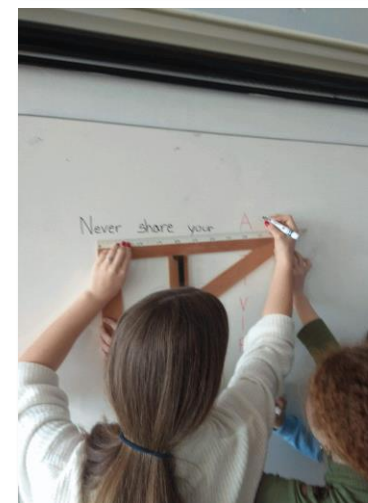
GAMMA: Project No. 2020-1-HR01-KA201-077794

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





# GAME-based learning in MAThematics



GAMMA: Project No. 2020-1-HR01-KA201-077794

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





GAME-based  
learning in  
MATHematics

# Partnerships



CARL SHOMBURG SCHULE KASSEL



GAMMA: Project No. 2020-1-HR01-KA201-077794

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





GAME-based  
learning in  
MAThematics

# DSD German Language Diploma



GAMMA: Project No. 2020-1-HR01-KA201-077794

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





GAME-based  
learning in  
MAThematics

# Gastro corner



GAMMA: Project No. 2020-1-HR01-KA201-077794

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





GAME-based  
learning in  
MAThematics

# School cooperative *KUŠ*



GAMMA: Project No. 2020-1-HR01-KA201-077794

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





GAME-based  
learning in  
MAThematics

# Celebration of special days

International day of mathematics



$\pi$  day

Safer Internet Day



Evening of mathematics



European day of languages



Science week in town of Rijeka



World space day

GAMMA: Project No. 2020-1-HR01-KA201-077794

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





GAME-based  
learning in  
MAtematics

# Celebration of special days



World bread day



Valentine's day



Outdoor activity, "Plant a tree, don't be a stump"



GAMMA: Project No. 2020-1-HR01-KA201-077794

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





GAME-based  
learning in  
MAtematics

# School team members



Aleksandra Brmbota, math teacher

Damir Paparić, math and computer science teacher



Darko Muža, math and physics teacher



Petra Brnabić Ulemek, English teacher  
(our language support )





GAME-based  
learning in  
MAtematics



# Thank you for your attention!

The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

GAMMA: Project No. 2020-1-HR01-KA201-077794

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

