

Mystery, fun, Math stories!

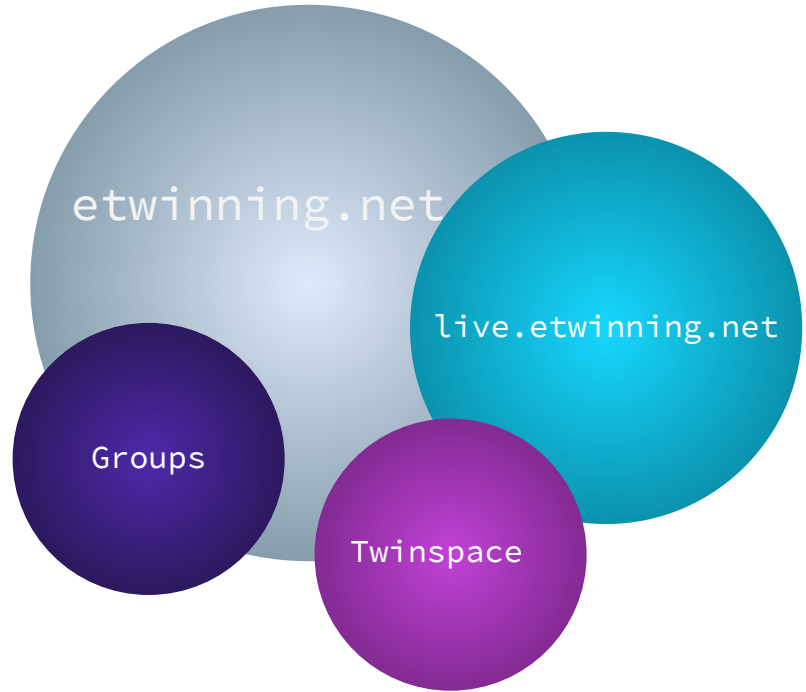
The eTwinning community

Good practice

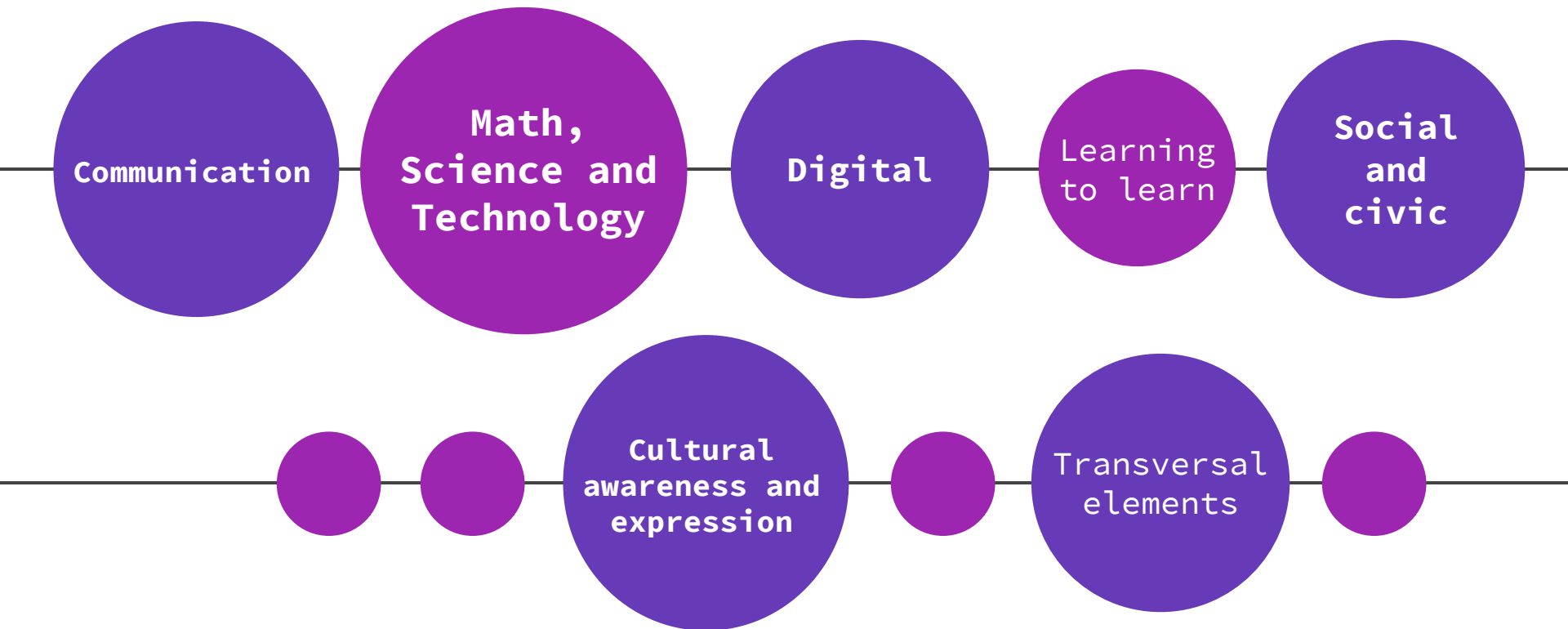
Electronic twinning

eTwinning offers a platform for staff (teachers, head teachers, librarians, etc.), working in a school in one of the European countries involved, to communicate, collaborate, develop projects, share and, in short, feel and be part of the most exciting learning community in Europe.

The framework of the portal



Key competences framework



The teachers Mrs Destino and Mrs Zito
With the students of the 2GB class of the E.Majorana school
of Brindisi

“Mystery, fun, Math stories!” Project

The teachers Mrs Krithi and Mrs Lyri
With the students of the Experimental Lyceum of the
University of Patras

The home page of the Twinspace

The project: **LOGO AND DESCRIPTION**

The etwinner: **PROFILE**

The contents: **PAGES**

The cloud: **IMAGES, VIDEOS AND FILES**

The communication: **TEACHER BULLETIN AND PROJECT JOURNAL**

The screenshot shows the eTwinning website interface. At the top, there is a navigation bar with 'Portal', 'eTwinning Live', and 'Mystery, fun, math storie...'. Below this is a secondary navigation bar with 'HOME', 'PAGES', 'MATERIALS', 'FORUMS', 'LIVE', and 'MEMBERS'. The main content area features a header for the project 'Mystery, fun, math stories!!!' with a description: 'The basic goal is to initiate students into the process of combining knowledge from different disciplines with the aim of creating collaborative pieces of written work. Mathematics, English, History, Physics, Religious Education, Cultural Studies, Astronomy are just some of the areas that can inspire students to write collaboratively their own stor...'. Below the header are three main sections: 'Pages' (with a list of presentations and activities), 'Images' (with a grid of image thumbnails), and 'Videos' (with a grid of video thumbnails). At the bottom, there are two communication sections: 'Teacher Bulletin' and 'Project Journal'. The 'Teacher Bulletin' contains a message from Marusca Destino dated 30.03.2018. The 'Project Journal' contains two entries, one dated 21.05.2018, with a large image of a stone building.

Portal eTwinning Live Mystery, fun, math storie... English ► Logout

HOME PAGES MATERIALS FORUMS LIVE MEMBERS

Browse in public mode ⓘ

SETTINGS ⚙️

Welcome Marusca Destino ⓘ

Mystery, fun, math stories!!! ⓘ

The basic goal is to initiate students into the process of combining knowledge from different disciplines with the aim of creating collaborative pieces of written work. Mathematics, English, History, Physics, Religious Education, Cultural Studies, Astronomy are just some of the areas that can inspire students to write collaboratively their own stor...

Pages ⓘ

PRESENTATIONS
ESAFETY ACTIVITIES
THE MYSTERIES OF THE GOLDEN RATIO recovered
MISS AND MISTER GOLDEN RATIO

CREATE A PAGE

Images ⓘ

ADD IMAGES

Videos ⓘ

ADD VIDEOS

Teacher Bulletin ⓘ

Type here Post

Dear Maria and Natasia,
We watched the film about Pythagoras' numbers, we found it very interesting but we can't let our students see it too, because it's too gory for them and we could have problems with school rules and with the parents as well. Moreover, it would be the third project activity based on a movie and now we need to be more operative and proactive. So, let's go to the core of our project and start our stories about mysteries!
Hoping not to have nightmares
Scared Marusca (lol)
- Posted by Marusca Destino, 30.03.2018, 21:00 | Delete

Project Journal ⓘ

Type here Post

Before leaving for Patras we would like to greet you with the images of our favourite places
- Posted by Marusca Destino, 21.05.2018 Add a comment | Delete

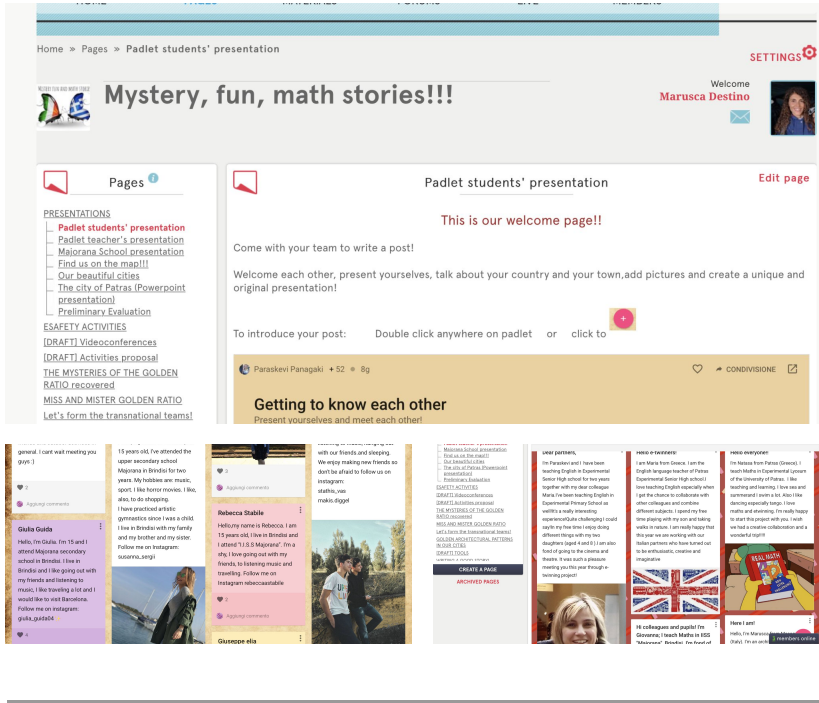
Greetings from Andria and...

Our Twinspace

https://twinspace.etwinning.net/55626/home



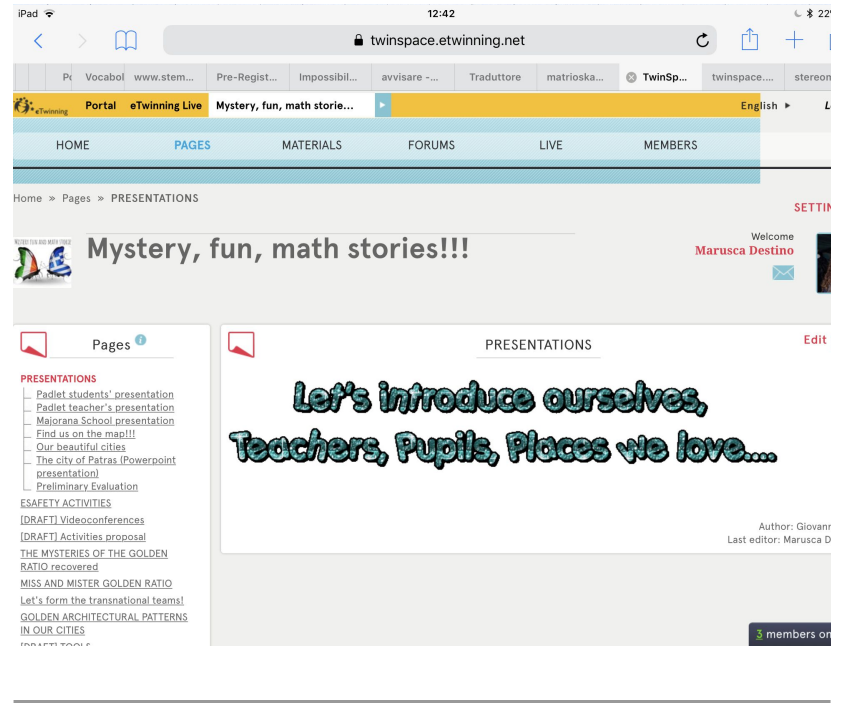
The first activities



Icebreaking-presentations

Knowing the platform

First contacts between the etwinners



Tools:

- Padlet

Mystery, fun, math stories!!!

Welcome Marusca Destino

Pages

PRESENTATIONS

- Padlet students' presentation
- Padlet teacher's presentation
- Majorana School presentation**
- Find us on the map!!!
- Our beautiful cities
- The city of Patras (Powerpoint presentation)
- Preliminary Evaluation

ESAFETY ACTIVITIES

IDRAFTI Videconferences

IDRAFTI Activities proposal

THE MYSTERIES OF THE GOLDEN RATIO (recovered)

MISS AND MISTER GOLDEN RATIO

Let's form the transnational teams!

GOLDEN ARCHITECTURAL PATTERNS IN OUR CITIES

IDRAFTI TOOLS

WRITING A GRAFIC STORY

CREATE A PAGE

Majorana School presentation

Edit page

Have fun watching the video about our school!

E. Majorana presentation

LABS' FLOOR

Map of Europe showing Patras, Greece highlighted.

Name

- 1 Experimental High
- 2 Federico Maeello
- 3 Giulia Guida, Rebo
- 4 ISS E. MAJORANA
- 5 Martina Massaro
- 6 Martina Sarah Guà
- 7 Patras
- 8 R10 castle and Ro
- 9 R10 castle and Ro
- 10 stars of Agno N
- 11 University Of Pa

ADD A PRESENTATION

ADD A PRESENTATION OF YOUR CITY ON THIS PADLET AND SHOW US HOW BEAUTIFUL IT IS... JUST BY CLICKING ON + BELOW!

HELLO everyone! We are Neale, Benjamin, Gerald, Stephen and Giuseppe. We shared the Olives Majorana with us in the video and live in San Giorgio, a small town in the province of Brescia. There are many places to visit with friends and it is a small country that is worth visiting about Lake Garda. This is where we live.

HELLO We are George,Zafirokyplos, John

12:49

twinspace.etwinning.net

PATRAS

Patras is Greece's third-largest city and the regional capital of Western Greece, in the northern Peloponnese, 215 km (134 mi) west of Athens. The city is built at the foothills of Mount Panachaikon, overlooking the Gulf of Patras. Patras has a population of 213,984 (in 2011). The core settlement has a history spanning four millennia; in the Roman period it had become a cosmopolitan center of the eastern Mediterranean whilst, according to Christian tradition, it was also the place of Saint Andrew's martyrdom. According to the results of 2011 census, the metropolitan area has a population of 260,308 and extends over an area of 738.87 km². Dubbed as Greece's Gate to the West, Patras is a commercial

Icebreaking-Our cities

Presentation of the schools and of the cities

Preliminary evaluation

Tools:

- Padlet
- Zeemaps

The shared planning of the activities

Maths

Introducing the mathematical concepts of the Golden Number, the Fibonacci sequence, the fractals.

Drawing and Architecture

Drawing “Golden” figures,
Drawing fractals using CAD,
graphic design


English and mother tongue

Writing the stories



The Golden Section and infinity

- Expert talks
- Seeing a movie
- Drawing with CAD the logarithmic spiral and the pentagonal fractal.
- Fibonacci sequence

Pages 

[PRESENTATIONS](#)

[ESAFETY ACTIVITIES](#)

[\[DRAFT\] Videoconferences](#)

[\[DRAFT\] Activities proposal](#)

THE MYSTERIES OF THE GOLDEN RATIO recovered

- [Geometry lessons](#)
- [Expert talks: Dr. Ivano Suma and Dr. Roberto Spedicato](#)
- [A movie about infinity](#)
- [Students' work: "Golden" shapes](#)
- [The Fibonacci sequence and the Golden Ratio](#)

[MISS AND MISTER GOLDEN RATIO](#)

[Let's form the transnational teams!](#)

[GOLDEN ARCHITECTURAL PATTERNS IN OUR CITIES](#)

[\[DRAFT\] TOOLS](#)


[WRITING A GOOD STORY!](#)

CREATE A PAGE

ARCHIVED PAGES

twinspace.etwinning.net

THE MYSTERIES OF THE GOLDEN RATIO recovered



THE MYSTERIES OF THE GOLDEN RATIO recovered

It's time to understand what the Golden Ratio is, where we can find it and



INCONTRO DAL TEMA

L'infinito nella filosofia, nell'arte, nella matematica

Giovedì 8 marzo 2018 - ore 11:00-13:00
Aula Magna dell'ISS E. Majorana- Brindisi



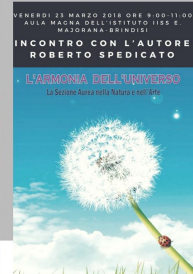
Seminario
organizzato
nell'ambito del
Progetto Etwinning
"Mystery, fun, Maths
stories!".
Interranno i
professori:
IVANO SUMA
MARUSCA DESTINO
GIOVANNA ZITO
L'incontro è aperto
agli interessati

IISS E. MAJORANA - BRINDISI

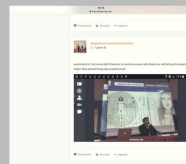
Mystery, fun, Math stories!

ETwinning project

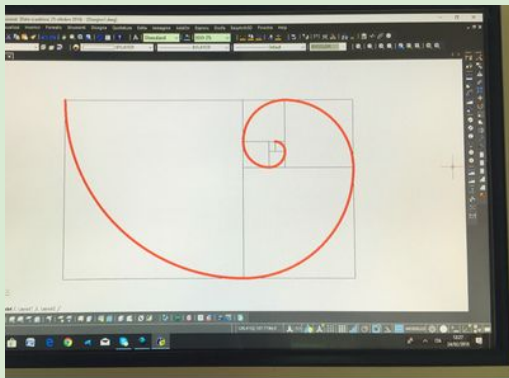
The expert talk with Roberto Spedicato



Final greetings from: Marusca, Roberto and Giovanna

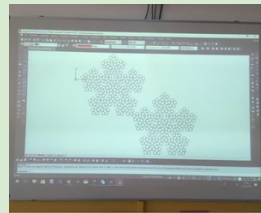


A special thank to our guest Magdalena



WORKING ON THE GOLDEN SPIRAL

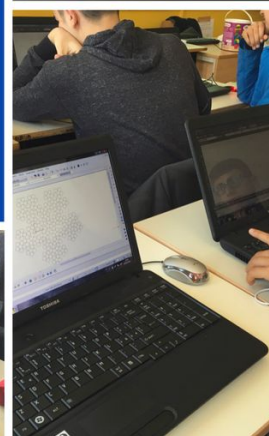
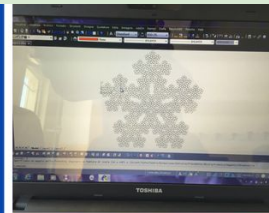
THE STUDENT OF MAJORANA SCHOOL



DRAWING

“Golden”
Fractals

USING CAD



Pages 1

PRESENTATIONS

ESAFETY ACTIVITIES

[DRAFT] Videoconferences

[DRAFT] Activities proposal

THE MYSTERIES OF THE GOLDEN RATIO

- Geometry lessons
- Expert talks: Dr. Ivano Suma and Dr. Roberto Spedicato
- A movie about infinity
- Students' work: "Golden" shapes

The Fibonacci sequence and the Golden Ratio

MISS AND MISTER GOLDEN RATIO

LET'S FORM THE TRANSNATIONAL TEAMS!

GOLDEN ARCHITECTURAL PATTERNS IN OUR CITIES

[DRAFT] TOOLS

WORKING X ZORAN STRAVI

CREATE A PAGE

The Fibonacci sequence and the Golden Ratio

Edit page

The magic of Fibonacci numbers | Arthur Benjamin

In our classroom we watched the TED clip in which professor Benjamin inspired the students with his talk regarding the Fibonacci sequence. Beforehand we already watched the video "Nature by Numbers" at the following link <https://www.youtube.com/watch?v=kkGeQWYFoA>, introducing the students to the mysteries of the golden ratio.

The Safer Internet Day

for eSafety
[web reputation](#)
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[ies proposal](#)
[OF THE GOLDEN](#)

[ER GOLDEN RATIO](#)
[IE TRANSNATIONAL](#)

[ITECTURAL PATTERNS](#)

[DD STORY!](#)

[day](#)

[EATE A PAGE](#)

[HIVED PAGES](#)

Click on EDIT on the top right. Then you have to create an account, if you don't already have one.

Once you get in, you click on the image and you can add videos, photos or images.

You click on 'save' to finalise your contribution.



Fonte twinspace.etwinning.net



Creato con
 thinglink..
 PER SAPERNE DI PIÙ >

Author: Natas;
 Last editor: Natas;

Marusca Maria Destino + 5 • 3me

RIFACIMENTO CONDIVISIONE

"selfier"- Safer Internet Day in SWOT Scouts Project

Use the Padlet to post your work about the web reputation.

Marusca Maria Destino 4me

Matteo from Elisa's point of view



1

3 commenti

Anonimo 4me

Anonimo 4me

Elisa from Matteo's point of view

Talking about Elisa!



1

1 comment

clarissafranvy 4me

Selfi-er (Clarissa)



1

Aggiungi commento

Anonimo 4me

Massimo from Cristian's point of view

clarissafra

Alessandra's



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Aggiungi cor

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Clarissa from

Made with padlet

Author: Marusca Destino
Last editor: Marusca Destino



Election of Mister Golden Ratio

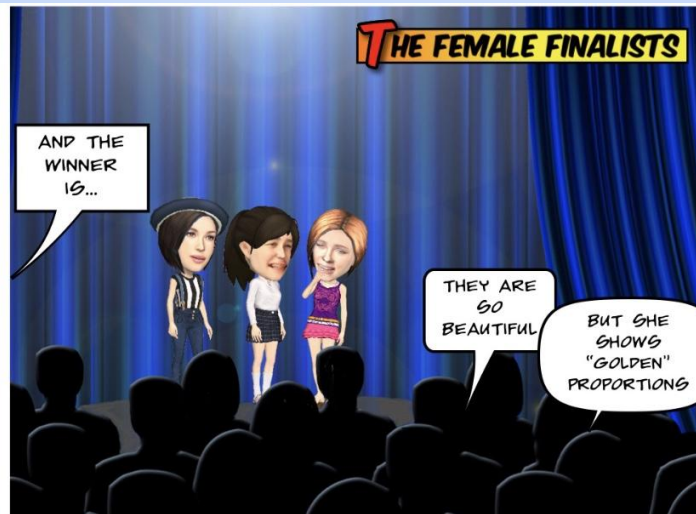
— — —
Gabriele
Bracciale



Election of Miss Golden Ratio

Theni

Papadimitropoulou





Mystery, fun, math stories!!!

Marusca

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GOLDEN ARCHITECTURAL PATTERNS IN OUR CITIES

- [Visiting the Archbishop's Palace in Brindisi](#)
- [Geometric rectification](#)
- [Students' work: analysis of "Golden" architectures](#)
- [Expert talk: Dr. Ubaldo Occhinegro](#)
- [Excursion to Castel del Monte](#)

[\[DRAFT\] TOOLS](#)
[WRITING A GOOD STORY!](#)
[Pi Day](#)
CREATE A PAGE
ARCHIVED PAGES

GOLDEN ARCHITECTURAL PATTERNS IN OUR CITIES

As hunters of the Golden Ratio in the world around us, we've planned to study two monuments that traditionally, show the golden proportions in some elements. They are: the Archbishop's Palace in Brindisi and Castel del Monte in Andria.

As for the Palace we have studied the facade, helped by software that makes it possible to measure a building in order to obtain the real measurements.

As for Castel del Monte we hosted at school an architect who has been studying this monument for 10 years. Therefore, after the seminar of Ubaldo Occhinegro we went to Andria to personally visit the ancient monument.

In the next subpages you can find the experiences we had and the related tasks that the Majorana school did.



The Golden Section in architecture

- Visit to the Archbishop's Palace of Brindisi
- Metric relief and digital geometric rectification with RDF software
- Analysis of the proportions
- Castel del Monte: expert talk and visit



LET'S HAVE FUN

Solving Math problems

WITH MATH CITY MAP



THE CATHEDRAL SQUARE AND

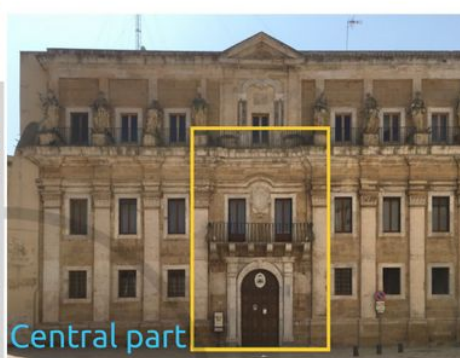
The Archbishop's Palace

SEARCHING FOR PHI



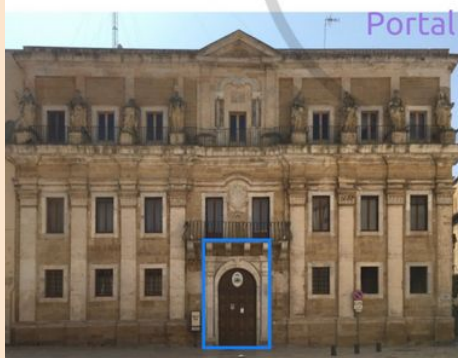


Facade Central part



SEARCHING FOR PHI

Golden proportions in the Archbishop's Palace of Brindisi



Portal Windows



IISS E. MAJORANA - BRINDISI

Mystery, fun, Math stories!

ETwinning project

The expert talk with Ubaldo Occhinegro



Final greetings from: Giovanna, Ubaldo and Marusca



A special thank to our guest Pelin that followed us via Adobe Connect

