

Дизайн с ресурси от платформата Scientix

Тони Чехларова

12.02.2022



SCIENTIX

The community for science
education in Europe

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<http://www.scientix.eu/>

scientix.eu/home

cabinet Toni Login Д nso omi TO SONIX IMI глас symm ORCID Go M

English Sign in Search

SCIENTIX
The community for science education in Europe

- HOME
- SCIENTIX LIVE
- COMMUNITY
- EVENTS
- PROJECTS
- CONFERENCE
- NEWS
- RESOURCES
- ABOUT

JOIN THE 2022 STEM DISCOVERY CAMPAIGN: STEM FOR ALL!

Get involved by organising activities, becoming partners and participating in our competitions and events.

2022 STEM DISCOVERY CAMPAIGN
STEM FOR ALL

STEM School Label
APPLY FOR THE STEM SCHOOL LABEL!

In your country

- Observatory
- Scientix Moodle
- Scientix Webinars
- Scientix blog

SCIENTIX INTERVIEW SERIES



STEM for all

<http://www.scientix.eu/news/news-all/news-detail?articleId=1146121>

A screenshot of the Scientix website. The header is blue with the Scientix logo and tagline 'The community for science education in Europe'. Navigation links include HOME, SCIENTIX LIVE, COMMUNITY, EVENTS, PROJECTS, CONFERENCE, NEWS, RESOURCES, and ABOUT. The main content area features an article titled 'THE 2022 STEM DISCOVERY CAMPAIGN TAKES OFF WITH ACTIVITIES, COMPETITIONS AND EVENTS TO MAKE STEM FOR ALL!' dated 08.02.2022. The article text describes the campaign as an annual initiative organized by Scientix, running from February to April, with the theme 'STEM for all'. It lists participating countries and provides information on how to get involved. A sidebar on the right contains links to 'STEM School Label', 'In your country', 'Observatory', 'Scientix Moodle', 'Scientix Webinars', 'Scientix blog', and a 'SCIENTIX RESOURCES WIDGET'.

Home > News > All news > The 2022 STEM Discovery Campaign takes off with activities, competitions and events to make STEM for All!

THE 2022 STEM DISCOVERY CAMPAIGN TAKES OFF WITH ACTIVITIES, COMPETITIONS AND EVENTS TO MAKE STEM FOR ALL!

08.02.2022

The STEM Discovery Campaign is an annual initiative organised by Scientix and celebrated in Europe and beyond from the beginning of February to the end of April. Given that STEM is present in virtually all aspects of our lives and that everyone should therefore have access to STEM education, the theme for this year's campaign is "STEM for all".

In this 7th edition, we invite projects, organisations, libraries, schools, universities and youth clubs around the world to organise events and activities that raise student awareness and make STEM accessible to everyone, showcasing key skills that students and our societies will need in the near future.

The campaign will be running from the 1st of February to the 30th of April, with a peak of activities during the week of 23rd to 30th April. If you want to get involved and contribute to one of the biggest STEM campaigns worldwide, here we list some ideas on how you can be engaged:

Country:
Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Bosnia and Herzegovina, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Faroe Islands, Finland, France, Germany, Georgia, Greece,

STEM School Label
APPLY FOR THE STEM SCHOOL LABEL!

In your country
Observatory
Scientix Moodle
Scientix Webinars
Scientix blog

SCIENTIX RESOURCES WIDGET
SUBMIT NEWS
Let us know about any news you have for teaching in your school.



<http://www.scientix.eu/events/campaigns/sdc22>

СЪБИТИЯ / Campaigns / SDC22 /



Map Partners Competitions Events Promotion CYCP

The **2022 STEM Discovery Campaign** is a joint international initiative organised by Scientix that invites **projects, organisations, libraries, schools, universities and youth clubs** across Europe and around the world to celebrate careers and studies in the fields of Science, Technology, Engineering and Mathematics (STEM).

The theme for this year's campaign is:

STEM for all

STEM is present in virtually all aspects of our lives. That is why we believe everyone should have access to STEM education emphasizing the value of Science, Technology, Engineering and Mathematics. This year, we encourage every educational stakeholder to organize events and activities that raise student awareness and **make STEM accessible to everyone**, showcasing key skills that students and our societies will need in the near future.

Running from **1 February to 30 April 2022** with a peak of activities during the week of 23 to 30 April, the STEM Discovery Campaign is a celebration of the ongoing commitment and work carried out by dedicated teachers and every stakeholder in education to improve science education and literacy in Europe.

We invite everyone to get involved in the 2022 STEM Discovery Campaign by organising STEM

**WE SUPPORT THE
STEM DISCOVERY
CAMPAIGN 2022**



Become a partner

Download the guide for partners

Submit STEM activity or event

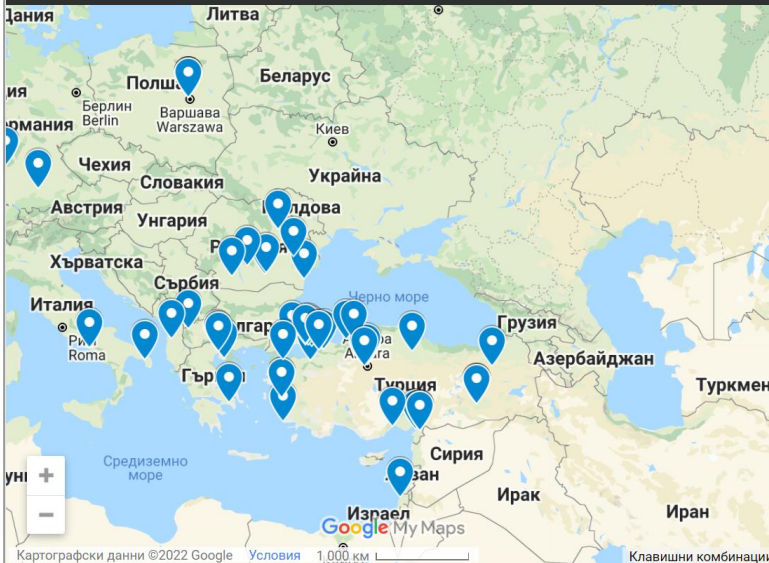
PARTNER PROJECTS



Add your STEM activity on the Map!

SDC22 - Activities Map

Тази карта е направена чрез Google My Maps. Създайте собствена.



SUBMIT YOUR STEM ACTIVITY OR EVENT



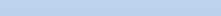
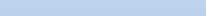
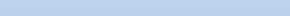
<http://www.scientix.eu/events/campaigns/sdc22>



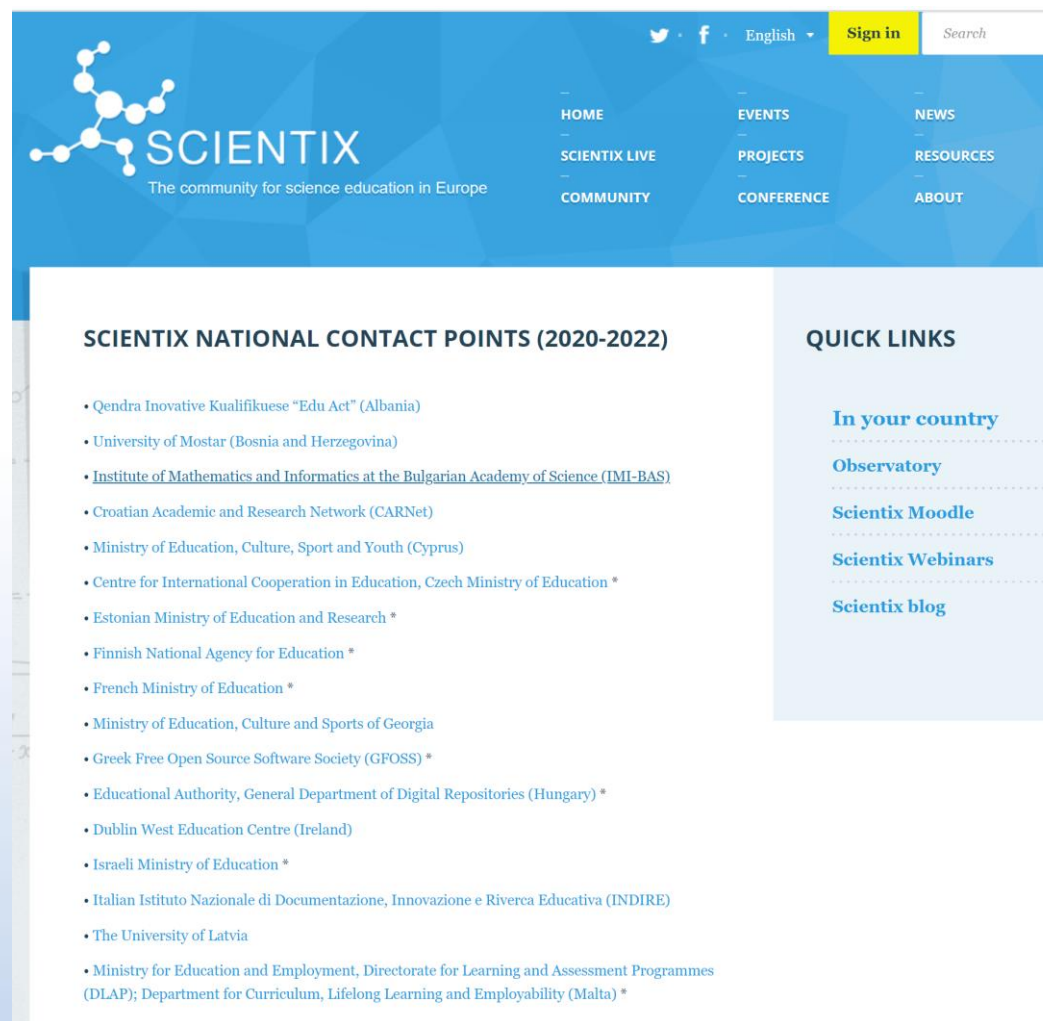
[illegible]

 This map was created by a user. [Learn how to create your own.](#)





<http://www.scientix.eu/events/campaigns/sdc21>


Национална контактна точка на Scientix



The image shows a screenshot of the Scientix website. The header is blue with the Scientix logo (a molecular structure) and the text "SCIENTIX The community for science education in Europe". There are social media icons for Twitter and Facebook, a language dropdown set to "English", a "Sign in" button, and a search bar. A navigation menu on the right lists: HOME, SCIENTIX LIVE, COMMUNITY, EVENTS, PROJECTS, CONFERENCE, NEWS, RESOURCES, and ABOUT. The main content area has a white background. On the left, it lists "SCIENTIX NATIONAL CONTACT POINTS (2020-2022)" with a bulleted list of national contact points. On the right, there is a "QUICK LINKS" section with links for "In your country", "Observatory", "Scientix Moodle", "Scientix Webinars", and "Scientix blog".

SCIENTIX NATIONAL CONTACT POINTS (2020-2022)

- Qendra Inovative Kualifikuese "Edu Act" (Albania)
- University of Mostar (Bosnia and Herzegovina)
- [Institute of Mathematics and Informatics at the Bulgarian Academy of Science \(IMI-BAS\)](#)
- Croatian Academic and Research Network (CARNet)
- Ministry of Education, Culture, Sport and Youth (Cyprus)
- Centre for International Cooperation in Education, Czech Ministry of Education *
- Estonian Ministry of Education and Research *
- Finnish National Agency for Education *
- French Ministry of Education *
- Ministry of Education, Culture and Sports of Georgia
- Greek Free Open Source Software Society (GFOSS) *
- Educational Authority, General Department of Digital Repositories (Hungary) *
- Dublin West Education Centre (Ireland)
- Israeli Ministry of Education *
- Italian Istituto Nazionale di Documentazione, Innovazione e Ricerca Educativa (INDIRE)
- The University of Latvia
- Ministry for Education and Employment, Directorate for Learning and Assessment Programmes (DLAP); Department for Curriculum, Lifelong Learning and Employability (Malta) *

QUICK LINKS

[In your country](#)

[Observatory](#)

[Scientix Moodle](#)

[Scientix Webinars](#)

[Scientix blog](#)



Bulgaria

Roumiana Anguelova, antika_rumi@abv.bg

Maria Brauchle, brauchle21@yahoo.de

Svezhina Dimitrova, svejina@gmail.com

Tsetsa Hristova, ceca_hr@abv.bg

Marinela Ivanova, venera64@abv.bg

Ivo Jokin, ivo_jokin@abv.bg

Svetla Mavrodieva, svetla.mavrodieva@gmail.com

Vesela Todorova, veselatodorova@mail.bg

Bilyana Yordanova, byordanova@yahoo.com

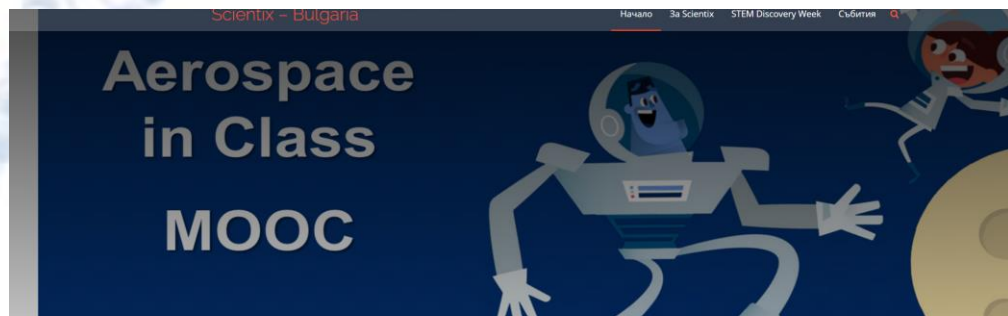
Deyana Peykova, deyana@mail.bg

Kameliya Savova, Kameliya_savova@abv.bg

Victoria Chalakova, viksee@abv.bg



<https://scientix.math.bas.bg/>



отворен онлайн курс "A Roadmap to Citizen Science Education"

Posted on 12.02.2021



От 22 март 2021 г. стартира отвореният онлайн курс, който ще предостави материали и истории за изпълнение на иновативни проекти за използване на гражданската наука по време на обучение. В основата на използването на гражданската наука в образованието стои предположението, че учителите и изследователите могат да намерят обща основа за дискусии и да разработят полезни практики както за образователния сектор, така и за научния сектор. Затова този курс предлага процес на сътрудничество между учители и изследователи. Повече за курса може да научите на страницата my: A Roadmap to Citizen Science...

[Read More](#)

Posted in Курсове

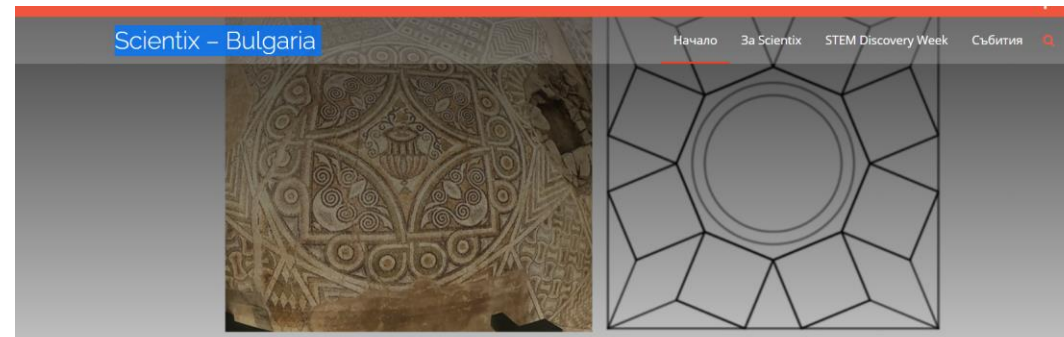
Отворен онлайн курс "Digital Education with Cultural Heritage"

Архив

- February 2021
- November 2020
- September 2019
- August 2019
- July 2019
- May 2019
- April 2019
- March 2019
- February 2019
- December 2018
- November 2018
- September 2018
- June 2018
- April 2018
- February 2018

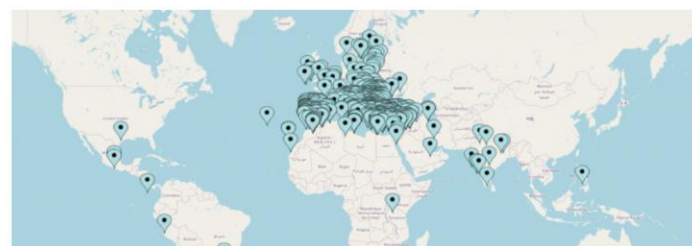
Категории

- Slider
- Stem Discovery 2018
- Uncategorized
- Курсове
- Материали
- Проучвания и анкети
- Събития
- Уъркшопи



Покана за нови посланици на SCIENTIX

Posted on 26.08.2021



Scientix търси динамични, мотивирани и креативни учители, които да станат нови посланици на проекта. Посланиците на Scientix са учители от всяка точка на света, готови да подкрепят разпространението обмена на практики и знания между всички заинтересовани страни в STEM образованието. Сроктът за кандидатстване е до 23 ноември 2021 г. За повече информация относно изискванията към посланиците и документите за кандидатстване посетете страницата на SCIENTIX - Call for new Scientix Ambassadors 2021-2022 - Scientix

[Read More](#)

Архив

- August 2021
- May 2021
- February 2021
- November 2020
- September 2019
- August 2019
- July 2019
- May 2019
- April 2019
- March 2019
- February 2019
- December 2018
- November 2018
- September 2018
- June 2018
- April 2018
- February 2018

Категории



Уебинари и квалификационни курсове

Scientix – Bulgaria

Начало За Scientix STEM Discovery Week Събития 

• 

Последни новини

Покана за нови посланици на SCIENTIX
Квалификационен курс – 8-9 май 2021
г.

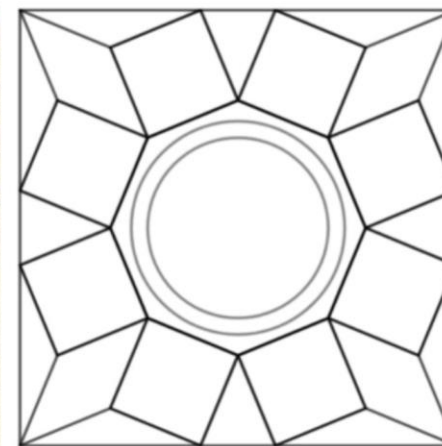
Уебинари, посветени на Епископската
базилика на Филипопол
отворен онлайн курс "A Roadmap to
Citizen Science Education"
Отворен онлайн курс "Digital Education
with Cultural Heritage"

Архив

August 2021
May 2021
February 2021
November 2020
September 2019
August 2019
July 2019
May 2019
April 2019
March 2019
February 2019
December 2018
November 2018
September 2018
June 2018
April 2018

Уебинари, посветени на Епископската базилика на Филипопол

 Posted on 04.05.2021 by *Krassimira Ivanova*



През месец май 2021 г. ще се проведе серия от уебинари, посветени на наскоро откритата реставрирана
Епископска базилика на Филипопол. Водещ на уебинарите е проф. Тони Чехларова.

**7 май от 11 ч., тема на уебинара "Мозайките в Епископската базилика на Филипопол в контекста на
STEAM"**

Записване за участие:

https://docs.google.com/forms/d/e/1FAIpQLSfsjsWO22op_kBK2QPGBOgvvCHcmvJ4D-k6i989JwNajRZCOg/viewform

Линк към събитието:

<https://us02web.zoom.us/j/86429498565?pwd=K0MveEN0TjFtZHo4YTlmVG0vek5ZUT09>



<http://www.scientix.eu/resources>



SCIENTIX

The community for science
education in Europe

scientix.eu

scientix.math.bas.bg

cabinet.bg



The screenshot shows the SCIENTIX Resource Repository website. The header is blue with the SCIENTIX logo and tagline "The community for science education in Europe". Navigation links include HOME, SCIENTIX LIVE, COMMUNITY, EVENTS, PROJECTS, CONFERENCE, NEWS, and RESOURCES (highlighted). A search bar is in the top right. The main content area is titled "RESOURCE REPOSITORY" and features a search bar with the placeholder "Find resources by keyword" and a "GO" button. Below is an "ADVANCED SEARCH" section with dropdown menus for Subject (set to "mathematics"), Min age, Max age, Type, Languages (set to "Bulgarian"), and STEM strategy criteria. At the bottom, there are tabs for TEACHING MATERIALS, REPORTS LIBRARY, TRAINING COURSES, and LRE MATERIALS. On the right sidebar, there is a note about SOMR availability during the COVID-19 lockdown, a link to "READ THE INSTRUCTIONS!", and a list of resources for "In your country" including Observatory, Scientix Moodle, Scientix Webinars, and Scientix blog. At the bottom right, there is a "SCIENTIX RESOURCES WIDGET" and a "TRANSLATION SERVICE" section.



Проекти и ресурси

<http://www.scientix.eu/web/guest/projects/project-detail?articleId=734572>



The screenshot shows the Scientix website interface. At the top, there is a navigation bar with the Scientix logo and tagline "The community for science education in Europe". The main menu includes links for HOME, SCIENTIX LIVE, COMMUNITY, EVENTS, PROJECTS (highlighted), CONFERENCE, NEWS, RESOURCES, and ABOUT. A search bar and a "Sign in" button are also present. The main content area displays the "VIRMATLAB, VIRTUAL MATHEMATICS LABORATORY" project page. The breadcrumb trail is "Home > Projects > VirMathLab, Virtual Mathematics Laboratory". The project title is "VIRMATLAB, VIRTUAL MATHEMATICS LABORATORY". Below the title, there are social media sharing icons and a "Share this project" link. The page is divided into three tabs: "BASIC INFORMATION", "RESEARCH INFORMATION", and "TEACHER INFORMATION". The "BASIC INFORMATION" tab is active, showing a description of the project and its resources. The description mentions that the project is developed in support of inquiry-based mathematics education and provides resources for teachers in primary and secondary schools. It also mentions that the project offers dynamic geometrical constructions and didactic scenarios on various topics. The page also features a "Submit Project" button and a section for "Read more on what Scientix offers to science education projects", which includes links to "Online meeting room" and "Networking events". At the bottom, there is a section for "For project managers:" with a "Connect with Scientix" button.

Home > Projects > VirMathLab, Virtual Mathematics Laboratory

VIRMATLAB, VIRTUAL MATHEMATICS LABORATORY

Share this project

BASIC INFORMATION | RESEARCH INFORMATION | TEACHER INFORMATION

The Virtual Mathematics Laboratory, VirMathLab, is developed in support of inquiry-based mathematics education and in broader contexts within the fields of Science, Technology, Engineering, Arts and Mathematics (STEAM).

A number of good practices exist in class settings in the fields of mathematics, ICT, fine arts, and entrepreneurship, as well as in out-of-class activities and courses in professional development for teachers in primary and secondary school, both for in-service and pre-service teachers.

Most of the VirMathLab resources can support the independent (re)discovery of properties of mathematical objects and create conditions for applying them to solve problems. A part of the resources represents computer models for solving real-life problems. In addition, there are resources for evaluation and self-evaluation.

There are several types of VirMathLab resources, including: files with dynamic constructions, didactic scenarios on various topics, video files and publications. Most of the dynamic files are developed using the GeoGebra software that can be used online or in ggb format. The online files can also be accessed with mobile devices.

The files that have dynamic geometrical constructions are distributed into three sections. The sections that deal with numbers and figures separated for primary, junior-high and secondary schools. There are separate sections dealing with subjects such as functions, geometric transformation, applications, games, puzzles and art.

In your country

- Observatory
- Scientix Moodle
- Scientix Webinars
- Scientix blog

If you know of European or national project in STEM education, please let us know.

SUBMIT PROJECT

Read more on what Scientix offers to science education projects

- Online meeting room
- Networking events

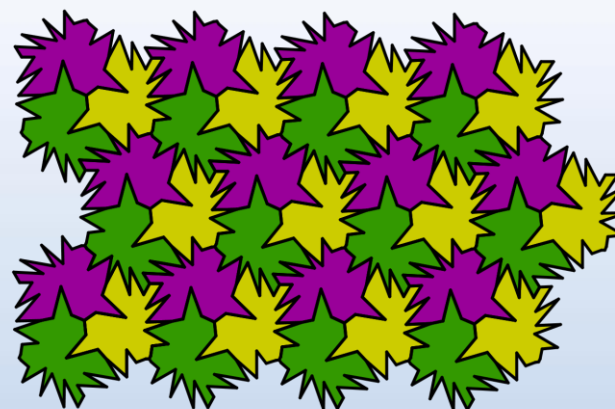
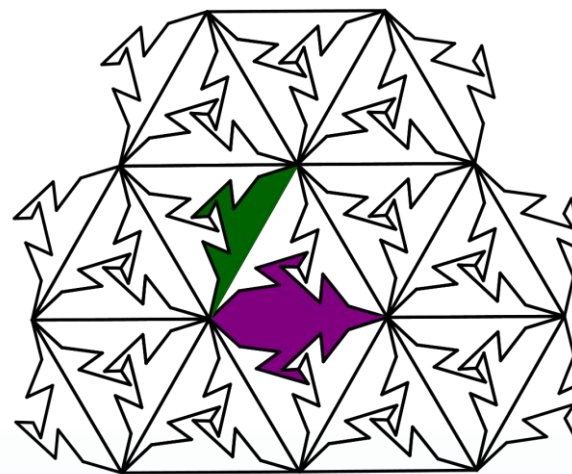
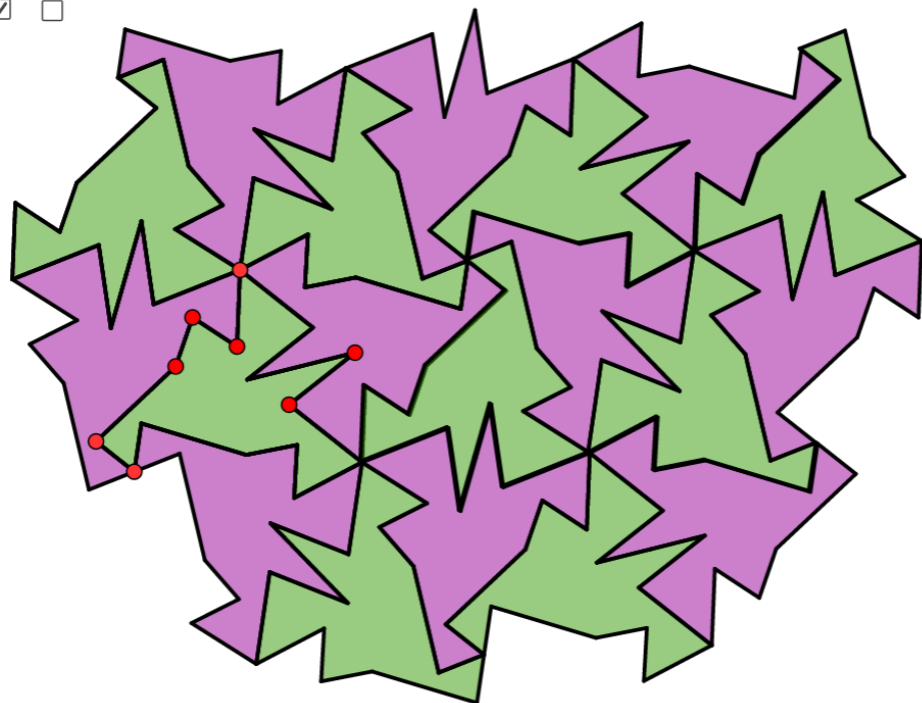
For project managers:

CONNECT WITH SCIENTIX



В стила на Мориц Ешер

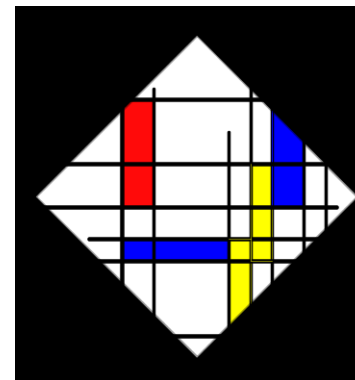
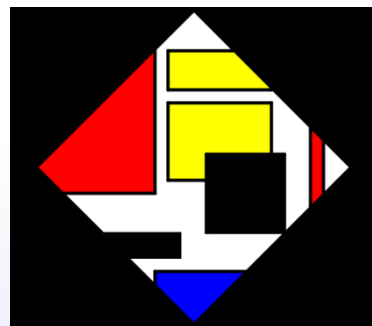
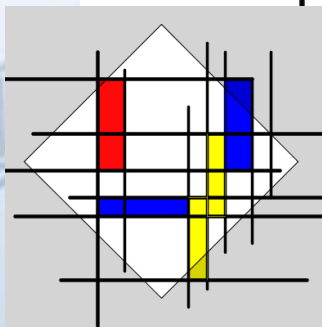
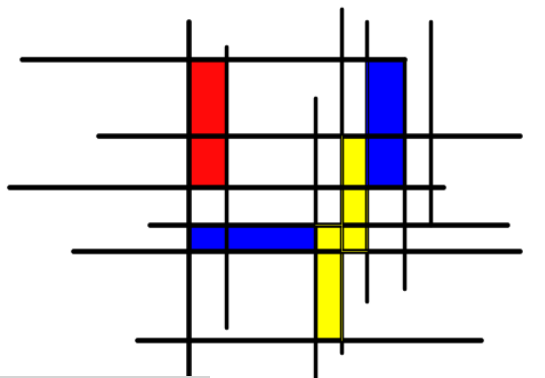
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В стила на Мондриан

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<http://cabinet.bg/content/bg/ggb/d25301.ggb>



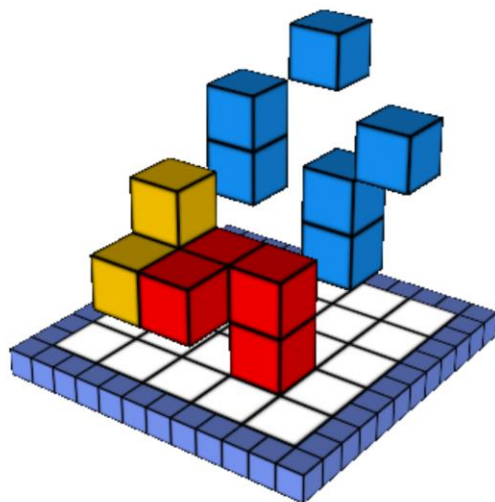
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<http://cabinet.bg/content/bg/ggb/d25302.ggb>



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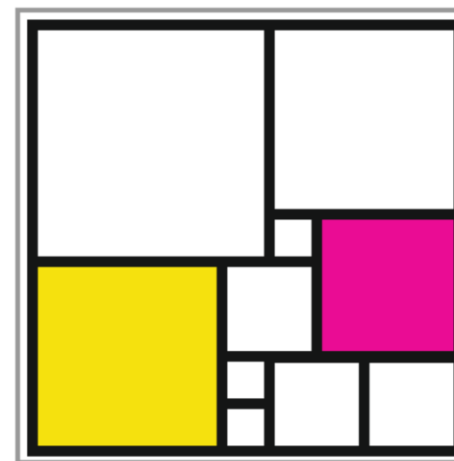
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Задача в стил Мондриан

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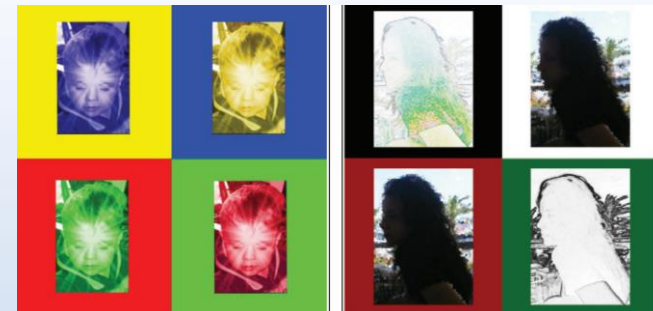
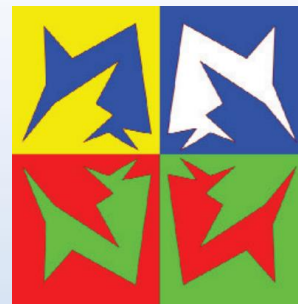
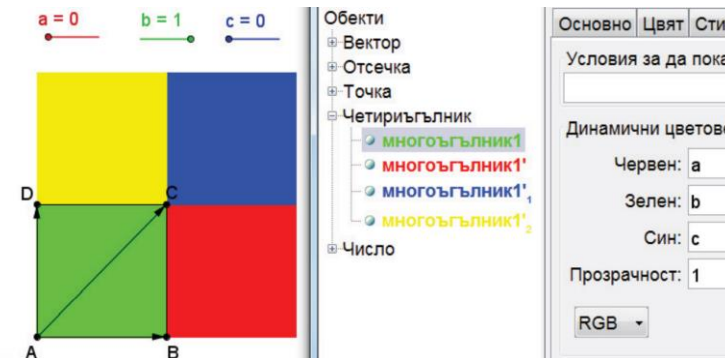
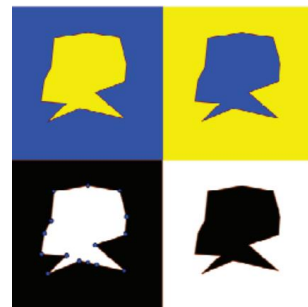
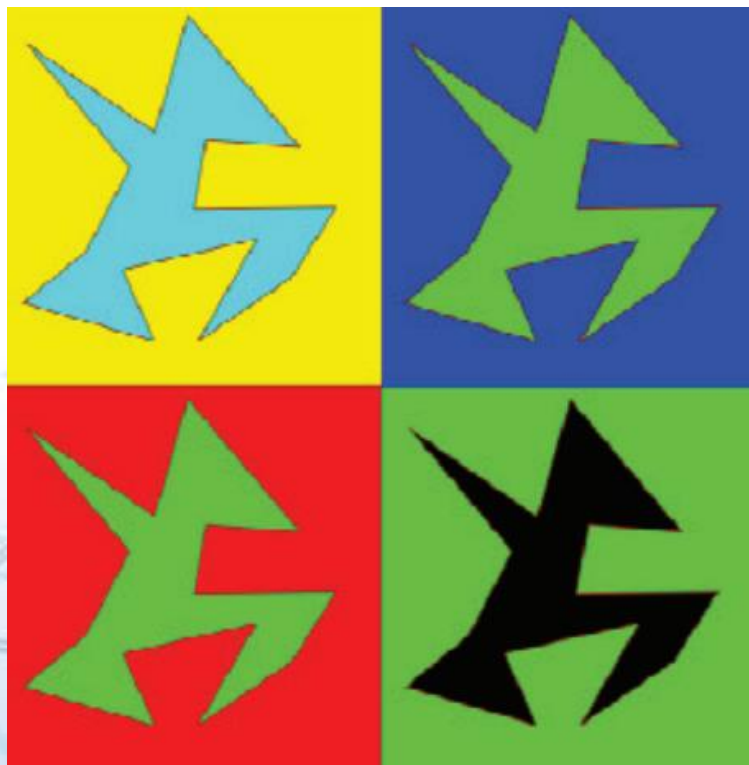
S=?



Обиколката на жълтия квадрат е равна на 16 ед.
Намерете лицето на червения квадрат.

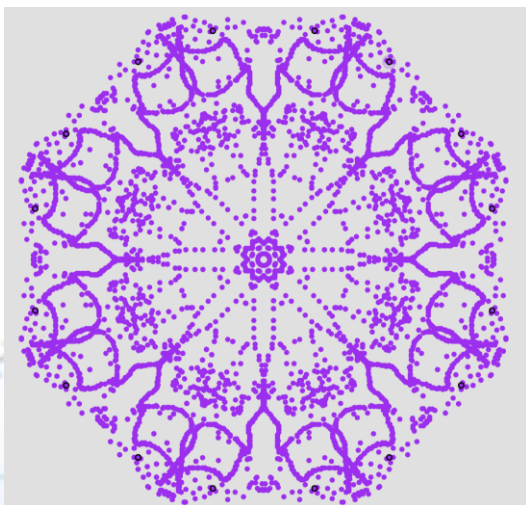
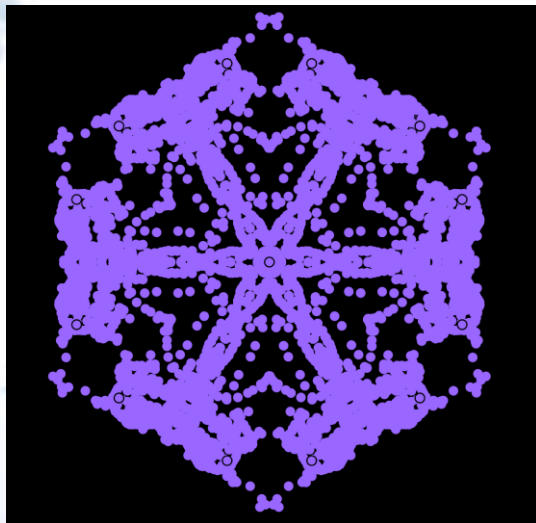
В стила на Анди Уорхол

<http://cabinet.bg/content/bg/html/d25006.html>



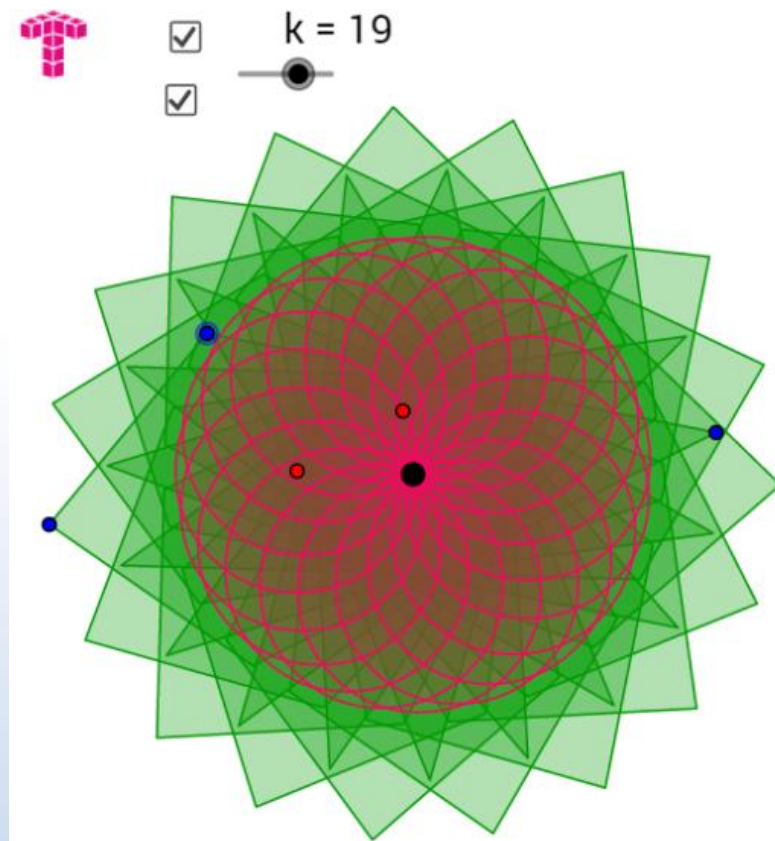
Розетки

<http://cabinet.bg/content/bg/html/d25325.html>



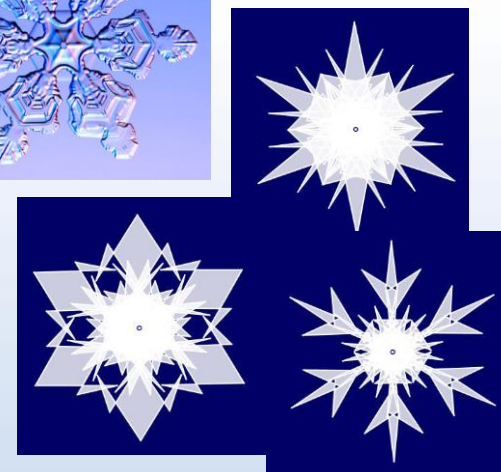
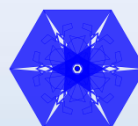
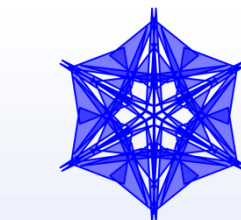
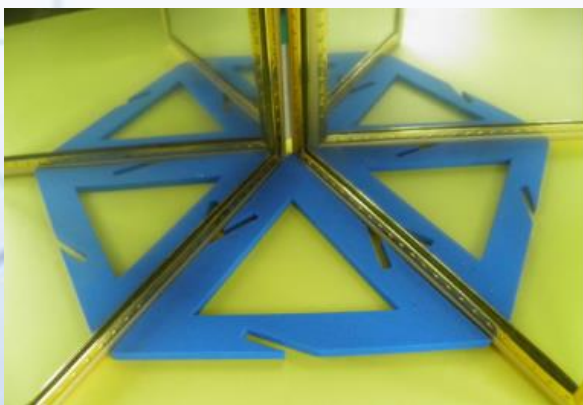
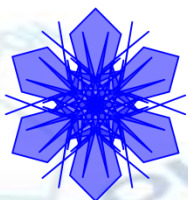
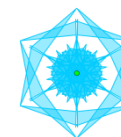
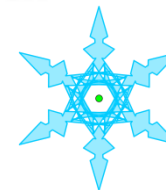
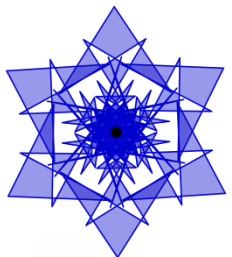
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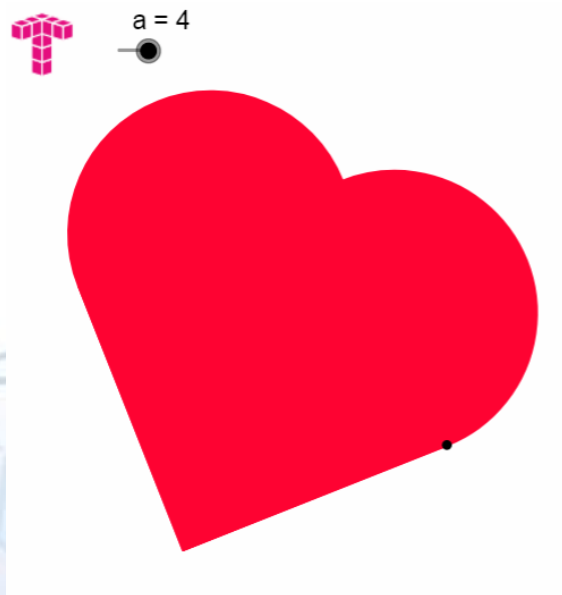
Снежинки

<http://cabinet.bg/content/bg/html/d22054.html>

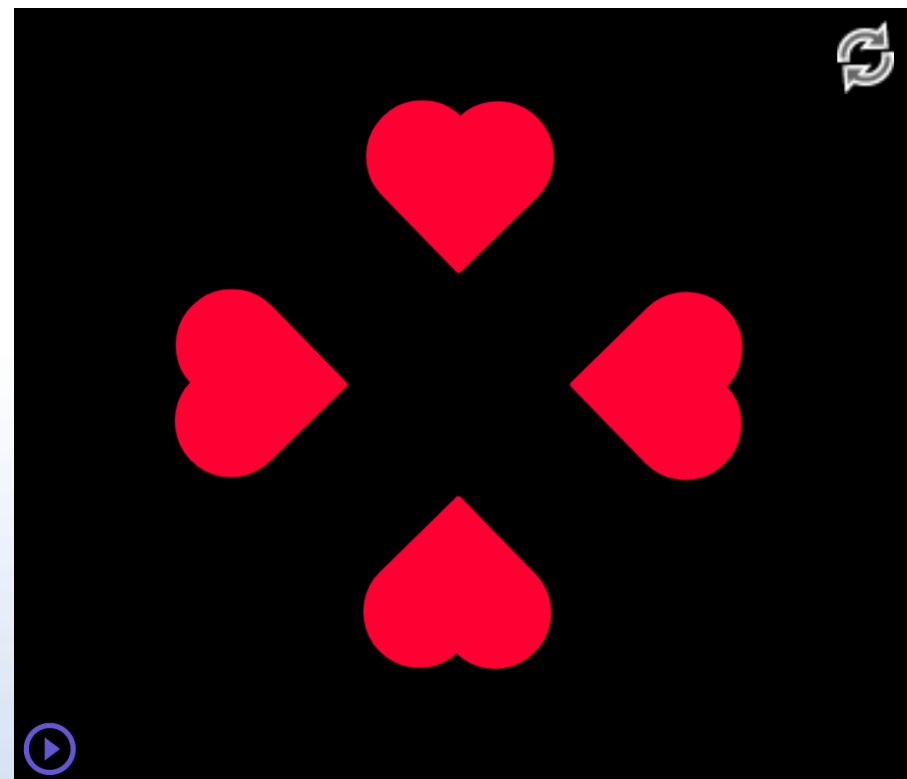


Валентинки

<http://cabinet.bg/content/bg/html/d25054.html>



<http://cabinet.bg/content/bg/html/d25101.html>



Уебинари и квалификационни курсове

The collage consists of four images:

- Top Left:** A screenshot of the SCIENTIX website (<http://www.scientix.eu/>). The website features a blue header with the SCIENTIX logo and navigation links. Below the header, there is a section for "THE 2021 STEM DISCOVERY CAMPAIGN" and a list of partners including futurum, STIR, and others. The bottom of the page features the European Schoolnet logo.
- Top Right:** A screenshot of a geometry applet interface. It shows a grid with a diamond shape composed of smaller circles. A sidebar on the left lists various mathematical concepts: ИЗМЕРВАНЕ, ЧИСЛА 2, ФИГУРИ 2, ТЕЛА, ЧИСЛА 3, ФИГУРИ 3, ФУНКЦИИ, ПРЕОБРАЗУВАНИЯ, СТАТИСТИКА, ПРИЛОЖНИ, ПЪЗЕЛИ, ИГРИ, and ИЗКУСТВО. The applet has a toolbar at the top and a color palette on the right.
- Bottom Left:** A screenshot of a dynamic geometry applet. It shows a grid with a pattern of overlapping circles. The interface includes a sidebar with sliders for parameters m and n , and a text area containing a sequence definition: $l1 = \text{Sequence}(\text{Sequence}(\text{Circle}((k, t), \frac{\sqrt{2}}{2}), k, 1, m), t, 1, n)$. The applet has a toolbar at the top and a calculator at the bottom.
- Bottom Right:** A photograph of a large, complex geometric floor pattern in a museum or gallery. The pattern is composed of many small, interlocking geometric shapes, creating a large-scale tessellation. The pattern is made of light-colored tiles on a dark floor.



Очаквайте

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<https://www.facebook.com/virmathlab/>



<http://cabinet.bg/index.php?status=pages&pageid=news>

<https://scientix.math.bas.bg/>

Квалификационен курс – 8-9 май 2021 г.

Posted on 04.05.2021

На 8 и 9 май 2021 г. от 10 ч. ще се проведе квалификационен курс на тема "STEAM ресурси в платформата Scientix".
Водещи на курса са проф. Тони Чехларова, доц. Красимира Иванова и доц. Евгения Сендова. За записване:
https://docs.google.com/forms/d/e/1FAIpQLSfj9o7wKcP-NoWRVp56yF39pr_874-s6T-QAJ5kSEAwF7hQ/viewform Линк към събитието: <https://us02web.zoom.us/j/83906312779?pwd=U2piWnN6VGd6RjV2ZzhkZW5FJFJOT09MeetingID:83906312779Passcode:406130> Програма на курса: 7 май: Поставяне на задача за предварителна подготовка 8 май: 9:30 Добре дошли във виртуалната стая 10:00 Д...

[Read More](#)

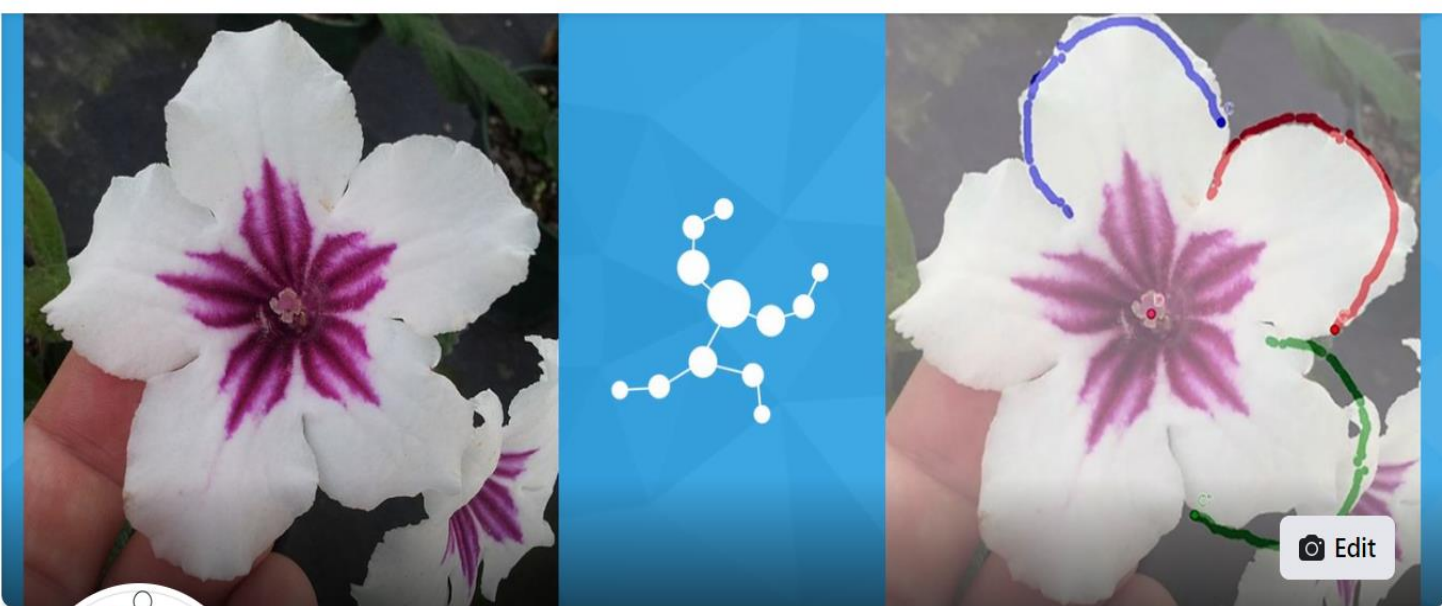
Posted in Uncategorized

Уебинари, посветени на Епископската базилика на Филипопол

Posted on 04.05.2021



www.facebook.com/Scientix.Bulgaria



The image shows a Facebook post from the page 'SCIENTIX-България'. The post features a three-panel image: a white flower with a purple star-shaped center, a blue geometric background with a white molecular structure, and the same flower with red and blue outlines. Below the image is a circular profile picture of a molecular structure. The page name 'SCIENTIX-България' is displayed in bold, followed by the bio '@Scientix.Bulgaria · Education Website'. A blue button with the text '+ Add a Button' is located at the bottom right of the post area.

SCIENTIX-България
@Scientix.Bulgaria · Education Website

+ Add a Button



Благодарим! Thank you!



SCIENTIX

The community for science
education in Europe

The work presented in this document is supported by the European Commission's H2020 programme – project Scientix 4 (Grant agreement N. 101000063), coordinated by European Schoolnet (EUN). The content of this document is the sole responsibility of the organizer and it does not represent the opinion of European Schoolnet or the European Commission (EC), and the EC is not responsible for any use that might be made of information contained herein.