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# ***Portfolio for project DigitALL***

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*Gymnasium "Goce Delchev"*

*North Macedonia*

# 1. Logo



# 2. Group movie in Bursa made using capcut

[https://drive.google.com/file/d/1IlworlaDHFwQwHQ4PkGVv\\_wAgxbnN\\_Lq/vi?usp=share\\_link](https://drive.google.com/file/d/1IlworlaDHFwQwHQ4PkGVv_wAgxbnN_Lq/vi?usp=share_link)

# 3. Bursa virtual tour

Gymnasium Goce Delcev  
North Macedonia




**Digital  
Tour  
Bursa**

ERASMUS  
Project DIGITALL





## Bursa

Bursa is a city in northwestern Turkey and the administrative center of Bursa Province. It is the fourth-most populous city in Turkey and second-most populous in the Marmara Region, Bursa is one of the industrial centers of the country. Most of Turkey's automotive production takes place in Bursa. As of 2019, the Metropolitan Province was home to 3,056,120 inhabitants, 2,161,990 of whom lived in the 3 city urban districts (Osmangazi, Yildirim and Nilufer). Bursa also has thermal baths, old Ottoman mansions, palaces, and several museums.





## Bursa

Bursa is a very big and beautiful city with many tourist attractions. It is one of Turkey's most important historical cities. Using a virtual guide, we were able to visit Bursa from the comfort of our home. In this presentation we will present to you some of the known and attractive tourist destinations in Bursa.



## Ulu Cami- Grand Mosque

Bursa's Ulu Cami (Grand Mosque) sits amid the city's central market area, so a visit can be easily incorporated into your exploration of the neighborhood. The mosque dates from 1399 in the early days of the Ottoman Empire, so its architecture still leans towards the earlier Seljuk style, which took much of its influence from Persian mosques. It's most recognizable for its roof which has 20 domes. For over 500 years this was the biggest mosque in Turkey. On a Friday prayer there are about 5,000 people praying together and another 2,000 outside. The Grand Mosque in Bursa is open to the public and taking photos inside is allowed.





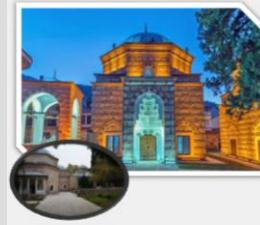
## Silk Market

The Silk Market is located in the lively heart of Bursa and is also called Koza Han, which dates from 1490. It is located specifically in the historical area of Osmangazi. It is one of the most important tourist places visited by tourists in the city. It also includes a large courtyard, a mosque, and a group of ancient monuments. The arched cells on the two-story levels of this caravanserai now host stores specializing in silk products, while the large shaded courtyard at its center is home to various cafés.



## Muradiye Tombs

Anyone with an interest in the artistic heritage of the Ottoman period will appreciate a visit here, as the tombs are decorated with exceptional examples of colorful tile work and intricate calligraphy. There are 12 tombs set into the site. Two of the most historically important include the tomb of Sultan Murat II (father to Mehmed the Conqueror, who conquered Constantinople) and that of the famous Sultan (third son of Mehmed the Conqueror), who died in exile in Italy having lost the battle of succession with his brother who became Bayezit II.



## Traditional Cumalikizik Village

Before 2014, Cumalikizik village was unheard of, but when UNESCO added it to its world heritage site list, many major travel publications featured it and put it into the spotlight. The criteria that bagged its inclusion is 270 old Ottoman houses made from wood and stone. Preserving these types of ancient structures is of vital importance as modern housing continues to develop and change all the time. In 1969, remains of a Byzantine church were also discovered. While there, enjoy a traditional Turkish village breakfast.



## Green Tomb (Green Mausoleum)

The Green Tomb of Bursa is dedicated to the 5th Ottoman Sultan Mehmed I. The blue/green structure stands on a hill not far away from the city center and next to the Green Mosque. The Green Mausoleum is beautifully decorated with colorful tiles from the inside. You will find the tomb of Mehmed I in the middle plus 7 other tombs. The super detailed wooden door to the tomb is still the original door from when it was built in 1421. It is free to visit the Green Mausoleum in Bursa.







## Green Mosque

Next to the Green Mausoleum you can find the Green Mosque, which is a UNESCO World Heritage site constructed in 1412 by the same Sultan who is buried in the Green Tomb next door. Way more detailed than the Grand Mosque, this popular place to visit in Bursa is a must see when you travel to Bursa. Sultan Mehmed I constructed the mosque with the help of Persian artists from the East and you can see that clearly in the very detailed tiles and similar colors that you will find in mosques in Central Asia.



## Historical Inkaya Plane Tree

All around Bursa is full of Monument Trees that defy centuries. The best known of these trees is the Inkaya (Grand) Plane tree, which is over 600 years old, in Inkaya Village, which is 4 km away from Çekirge neighbourhood on the Uludağ road. Physically it is Turkey's largest tree. Diameter of the tree is 3 meters, 10 meters in circumference, height is 37 meters. It has 13 main branches, thickness of each of them is like a tree trunk.



## Lakeside Village of Gölyazi

Ulubat Lake is just 40 kilometers west from central Bursa. The tiny village of Gölyazısits on a peninsula jutting into the lake and is an excellent place to visit for a taste of slow-paced rural life. On weekends, it's a popular day trip for Bursa locals who come to stroll the lakefront, enjoy the peaceful atmosphere, and take boat trips out onto the lake. The village has plenty of rickety architecture rimming its alleys; a famous and huge 750-year-old plane tree; and a smattering of Roman-era ruins, including the scant remnants of the settlement's Roman walls. Ulubat Lake is also known as a good location for bird spotting in spring, when the migratory birds are passing through.



## Uludag

Uludag which was called Olympos until the Ottoman times, Mount of Monks in the Ottoman period; it got its present name in 1925. It is the highest peak of the Marmara Region with a height of 2543 meters. Its area is 12,762 hectares. Uludağ which is 50 km away from the Sea of Marmara, was declared a National Park in 1961. People travel to Bursa to go skiing and the Uludağski resort has become a popular tourist destination in Turkey in the winter. There are restaurants and bars up on the mountain and this is a spot where you can easily stumble upon Turkey's most famous artists in winter.



## Public universities in Bursa



Bursa is one of the major Turkish states that pays great attention to education at all levels. The infrastructure in Bursa is very strong, in terms of educational institutions equipped with the latest technology. In addition to the strong infrastructure, Bursa universities have a good teaching staff that qualifies them to provide the highest levels of education for students. Universities in Bursa also organize many events, activities, and cultural competitions, which encourage students to excel in their classes. In Bursa there are two universities which are Bursa Uludağ University and Bursa Technical University which offer great educational plans.



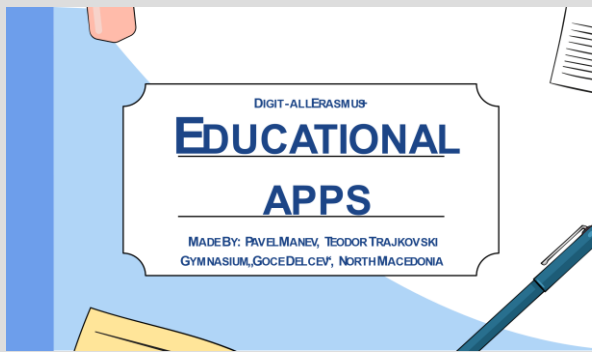
## Museums in Bursa

Bursa, being a big city with many tourist sites, especially attracts tourists with the many museums that it has to offer such as:

1. Bursa archeological museum
2. Bursa city museum
3. Museum of Ottoman house
4. Bursa Atatürk museum and others...

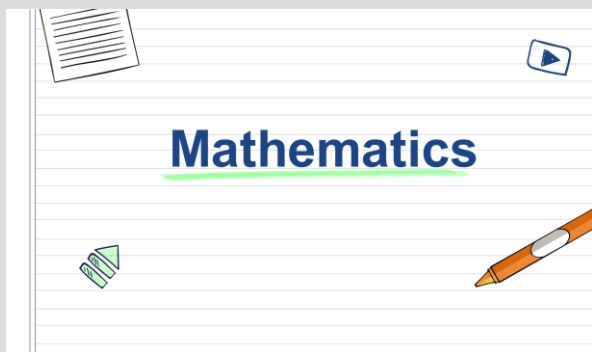
## Thank you for your attention!

Made by:  
-Nikola Markovski  
-Pavel Manev  
-Teodor Trajkovski  
-Lucija Petrovska



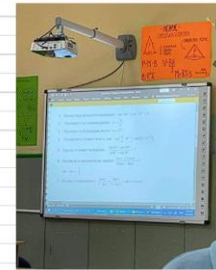
## WHAT ARE EDUCATIONAL APPS AND WHY SHOULD WE USE THEM?

Educational apps are practically applications designed to aid students and teachers with the learning process. Sometimes we can't really understand certain concepts of a lesson and that's where these apps come into play. Most of the time that we spend on our phones is usually on social media apps. Educational apps offer a more productive alternative to those apps. Mobile phones are devices that can lead us to any information we want, so why not take advantage of that fact. Here are a few examples of some of these apps which can help with certain school subjects:



## Microsoft Whiteboard

Microsoft Whiteboard is an application that is automatically installed on almost all windows computers. As the name suggests it is essentially a digital whiteboard where you can write and draw anything you want and even use built in tools such as rulers, erasers, notes, shapes etc. It is great for writing out and solving mathematical problems because you don't need to spend all that time erasing and slowly writing with chalk.

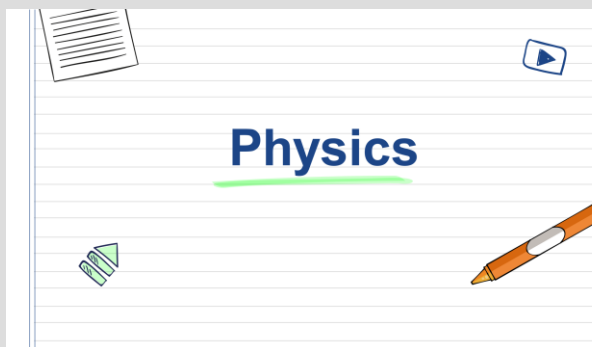
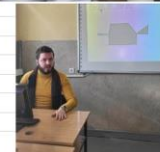


## Photomath

Photomath is a mobile computer algebra system designed for use with a smartphone's camera to scan and recognize mathematical equations and then display a detailed step-by-step explanation on the screen. Photomath can practically solve any mathematical equation you can think of, and because of that it's incredibly useful. Students from all around the world use Photomath to check their answers for homework and study for tests.

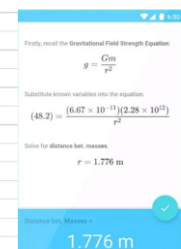
## Geogebra

Geogebra is a free graphing app that lets you graph functions, investigate equations and plot data. It also allows you to visualize and manipulate functions, vectors, graphs and geometric shapes. This in turn helps the student grasp more complex geometric concepts. It is a very useful and powerful app and can be used to solve loads of geometric problems no matter which grade level you are at.



## Phyviz

Phyviz is, as it says in the app's description, your personal physics wizard. It includes a lengthy list of formulas and hundreds of practice questions and detailed solutions on every topic: kinematics, energy, forces, quantum physics etc. It provides a list of exercises for all grade levels.



# Information Technology

## Code:Blocks

Code:Blocks is a free, open-source cross-platform coding application that supports multiple compilers. The current available languages in Code:Blocks are C, C++, and Fortran. In education, Code:Blocks is used only for learning how to write code in C and C++. The reason why this compiler is better than any other online one is because of its sheer amount of speed and easy to understand layout.



## Photoshop



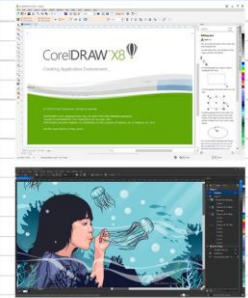
Photoshop is a graphic design and photo editing software developed by Adobe. It is used for transforming images, creating incredible art, and design gorgeous graphics like a pro, even if they are just a beginner. In Photoshop, editors can crop photos, adjust photo composition, correct lighting, and make any subject imaginable look its absolute best!



## CoreIDRAW



CoreIDRAW is a graphic design software which enables users to create professional designs with vector illustration, layout, photo editing, typography, template tools, and more. CoreIDRAW allows users to create, access and store artwork, web graphics and prints.

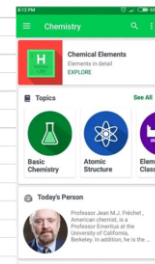


# Chemistry

## Chemistry Pro



Chemistry Pro is an app which has an enhanced periodic table with details about every individual element. It has quick lectures on certain laws and principles in the world of chemistry. It also includes biographies of famous chemists who have made big discoveries in their own branch.



## Chemix



Chemix is an educational app that lets you easily draw lab diagram setups and explain your experiments. It has a large library of highly customizable apparatus and various features to help you draw diagrams with ease. Chemix is intuitive to use and easy to pick up. You'll be drawing complex diagrams in no time!



# Biology

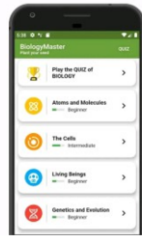




## BiologyMaster



BiologyMaster is an app that teaches you biology through quick lectures and quizzes. After every lecture you can take a quiz to test your knowledge on a certain topic. This app includes lectures on: Atoms and Molecules, Cells, Genetics and Evolution and etc.



## PictureThis



PictureThis is a mobile app that allows you to identify plants, trees and flowers using your phone's camera. It can identify millions of plant species with 98% accuracy- better than most human experts! Once you identify a plant it also gives you useful plant care tips on that specific plant.

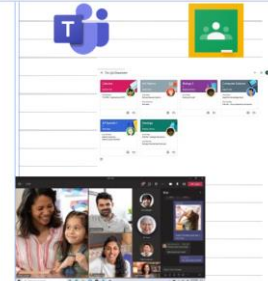


## Miscellaneous Apps

These apps don't fit a certain subject, but they can also be very useful

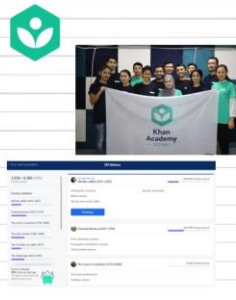
## Google Classroom and Microsoft Teams

Online conference apps have been on the rise in the past two years due to the pandemic. Classroom and teams are very powerful apps that allow students to connect online via video chatting. They also have an assignment's function which allow students to submit homework and teachers can grade them from the comfort of their own home.



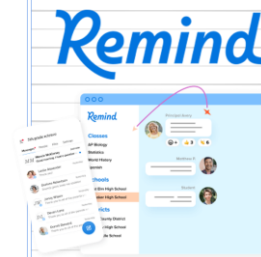
## Khan academy

Khan Academy is a popular online learning library filled with courses ranging from Math and Statistics to Psychology and Languages. It has a learner-first ideology and was founded to disseminate knowledge and teaching. This online education app aims to provide a free and world-class education for curious minds across the planet. It works using video lectures that display a black whiteboard and a professor just like in a real classroom.



## Remind

Remind facilitates parents, students, and teachers to stay connected with each other like a community. You can get regular updates on everyone's activity within your community and can use Remind collaboratively. Teachers can message a whole class as a broadcast, share photos, and handouts, while students can submit assignments and clear doubts with their friends.



## Conclusion

Educational apps are great for explaining certain subjects and are a great learning tool. But they shouldn't be our main way of learning. We mustn't forget that we already have schoolbooks that are our main learning tool, and that these apps are just a simple addition to our learning process. I also don't think that teachers should use these tools in the classroom all the time, but they are good if they want to make a lesson more entertaining and want to bring the lesson closer to the students.



Thank you for your attention!



# 5. Internet diary

## Internet Journal

Made by: Teodor Trajkovski  
Gymnasium: "Goce Delcev"

## Internet Usage

As a normal teenager, I obviously spend most of my time using various electronic devices. I am very aware that there are many issues and problems to using electronic devices often, but I think there are also quite a few benefits. This project gave me a perfect opportunity to calculate just how much I was on the Internet, as I have wanted to do so for a while. To perfectly showcase my Internet usage throughout my life, I have decided to tell you about it in different periods of it.

### Internet usage in 2021

Throughout the whole year of 2021 my internet usage was slightly different as it is now. Two years ago was a very different time in life for me. Back then, I didn't have an online job. My days consisted mostly of spending time in front of the computer, online school, and going out with my friends. The only reason I used my phone was mostly for messaging other people and for easy communication. I was on average 3 hours a day on social media alone. Those 3 hours were purely for communication purposes on apps such as Instagram and Messenger. I also highly enjoyed video games, and that's where I spent most of my online time. Everyday I was playing popular video games on my computer for around 4 hours. I also spent around 1 hour on Youtube, as I enjoyed watching various videos, and spent 1 hour studying online material.

Hours daily spent on my phone: **3**  
Hours daily spent on my computer: **6**

### Internet usage in 2022

The year 2022 was vastly different from 2021. For starters, it's mostly when I decided to join different Erasmus projects and participate in other school activities. This is the reason why my internet usage is different from the previous year. Another key difference to last year is that I found a job that required me to be in front of my computer for around 4 hours per day. I cut down on my social media usage a lot. The reason being is that I became a lot busier with different things and just didn't have the time nor did I want to use social media. The only reason I used social media such as Instagram was to text my friends, and that was for about an hour a day. Other uses of my phone was just watching videos on Youtube for about an hour per day as well. The biggest usage of my time, again, came from my computer. As previously stated, I have an online job that required about 4 hours per day, combined with the fact that I also enjoyed spending my free time playing video games and watching Youtube videos which equaled to around 5 hours.

Hours daily spent on my phone: **2**  
Hours daily spent on my computer: **9**

### Internet usage in December 2022

It was the end of our first semester, and I had a ton of exams to study for, but most of the material I had to learn was online, so that still bumped up my internet usage numbers. I also had the task of making various presentations for different projects, which in turn made me spend even more time in front of my computer. My phone usage was down to just 1 hour per day, and the only reason being was to text my friends. I again, spent 4 hours per day working. On top of that, I was spending around 2 hours per day either studying or making presentations. The rest of my 5 hours were spent no different than any other day. I was mostly watching movies and shows, but still was very frequent at playing video games. My most used apps were Youtube and Netflix.

Hours daily spent on my phone: **1**  
Hours daily spent on my computer: **11**

### Internet usage in January 2023

January was out winter break. I decided to screenshot my screen usage on my phone, so I could exactly see just how much time I was spending on it throughout my winter break. The results from this month may be a bit of a surprise considering that I was on break and wasn't going to school, but my internet usage went down! I averaged 2 hours daily on my phone, as I was mostly texting and watching videos. My most used apps were, to no surprise, Youtube and Instagram. This was a significant increase from December, but the thing that was different was my computer time. I spent on average around 5 hours per day on my computer. Because I didn't have school, none of my time was spent in front of my computer for school work. The time that I was on my computer, I was only playing video games, and working for about 2 hours, since it was the holidays. This overall was a step in the right direction.

Hours daily spent on my phone: **2**  
Hours daily spent on my computer: **5**

### Internet usage in February 2023

February was an interesting month for me. It was the month where school started again. My internet usage has been quite similar to December. My usual day consisted of me spending around 1 hour per day on Instagram, and 1 hour per day on Chess.com, which as the name suggests is an app that allows you to play chess online. That was about it for my phone usage. Most of my time was spent on my computer as well. My most used applications from this month were yet again Youtube and various games. I spent about 8 hours per day in front of my computer split between playing games, watching videos, working and studying. This month has had an increase of studying material online, so I've also been studying on PowerPoint presentations and Word documents.

Hours daily spent on my phone: **2**  
Hours daily spent on my computer: **8**

### Summary

Which device I used more

Computer: **31.9%**  
Phone: **9.38%**

### Most used applications

School: 8.3%  
Games: 50.0%  
Youtube: 33.3%  
Instagram: 8.3%

Of my time daily was spent on the internet in 2021: **41.6%**

Of my time daily was spent on the internet in 2022: **45.8%**



## Conclusion

All in all, I think that using the Internet for long periods of time like me is a bad idea. It has proven to be quite dangerous in the real world, as we all know people commonly walk on the street or anywhere starring directly in their phones and have no idea of where they are walking, or what is even around them. On the other hand though, using the Internet has benefits as well, because it is a place where you can search and find information on just about anything you'd like. It is great for relaxing and for education. I think the problem in todays world is that people are obsessed with popular apps such as TikTok and that in return is decreasing their attention span and not providing anything useful for them. Another big problem is that people spend way too much time in front of their screens and develop not just bad posture, but bad eyesight as well. We all have to be a bit more careful about what and how much time exactly we spend online, because as much as it helps us and eases us, it also is a thing that can be quite dangerou..

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