

## INTRODUCTION

Nowadays teacher abandons the teacher centered education, which we called a traditional education, and brings student roles to the forefront in the classroom. What is expected from them is an adaptation to the new technologies and usage of these technologies actively in the classroom. Web 2.0 technology is a web technology service which enables online cooperation and sharing between web users. This service gives users an opportunity to create sharing platforms.

However, when we look at the reality, we can see that the perception of success is limited with the academic concepts and in the long run it causes students race with each other in exams and slowdown on their academic improvement. Human changes constantly. Needs, educational activities, abilities, perceptions and attitudes are different for all people. Applying the same activity to all students prevents some of them to catch a chance to develop themselves.

At this point, technological tools enable new education activities to emerge. Technological tools create equality of opportunity and provide chance for everybody to reach to the knowledge with economic time and cost. In consequence, if we teach individuals to use these tools for their own improvement, we will raise people who are productive and problem solver in every area of life.

Thanks to this project, all the partners have seen the examples from Europe about the usage of the innovations of web 2.0 tools in education such as weblogs, podcasts and videocasts, wikis, social networks, bookmarks, tagging

and photo sharing. In such a way, each country has enriched to each other, something that leads us to a new methodology that moves us towards the future.







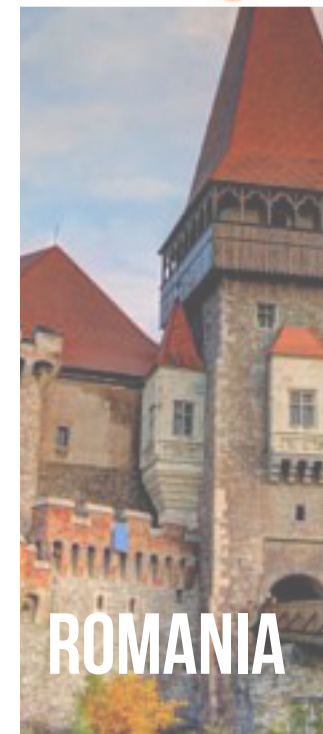
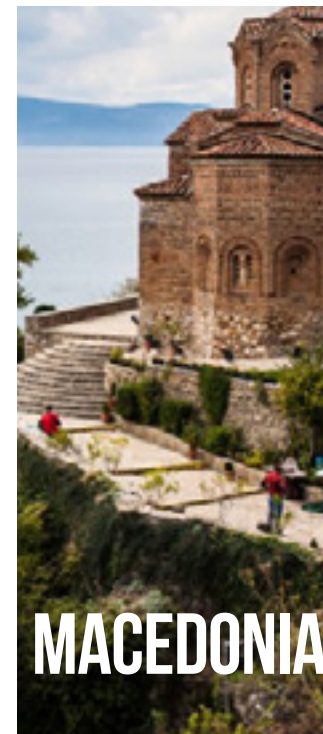
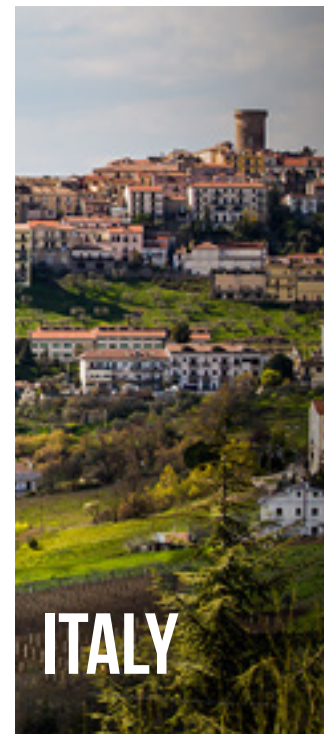
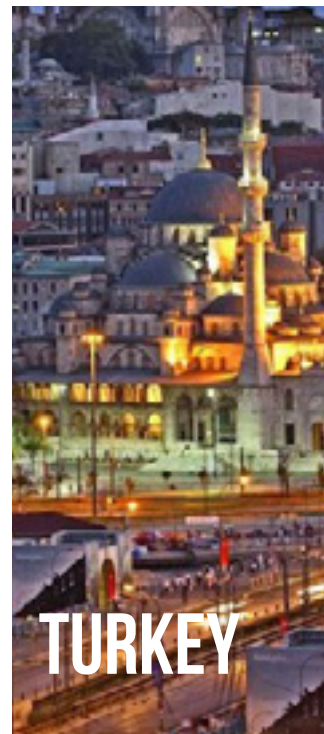
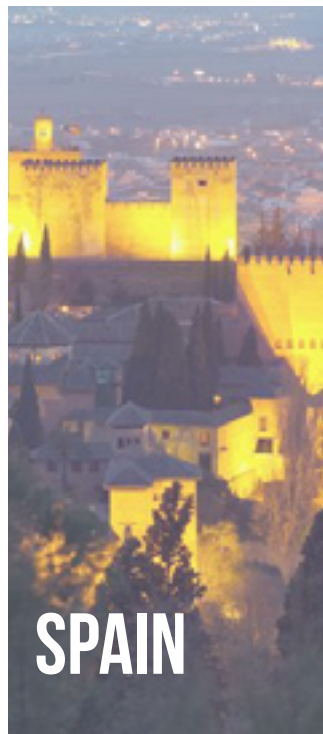
GeoGebra

Kahoot!

WhatsApp

PowToon

LearnEnglish



# GEOGEBRA

## DESCRIPTION AND MAIN FEATURES OF THE TOOL:

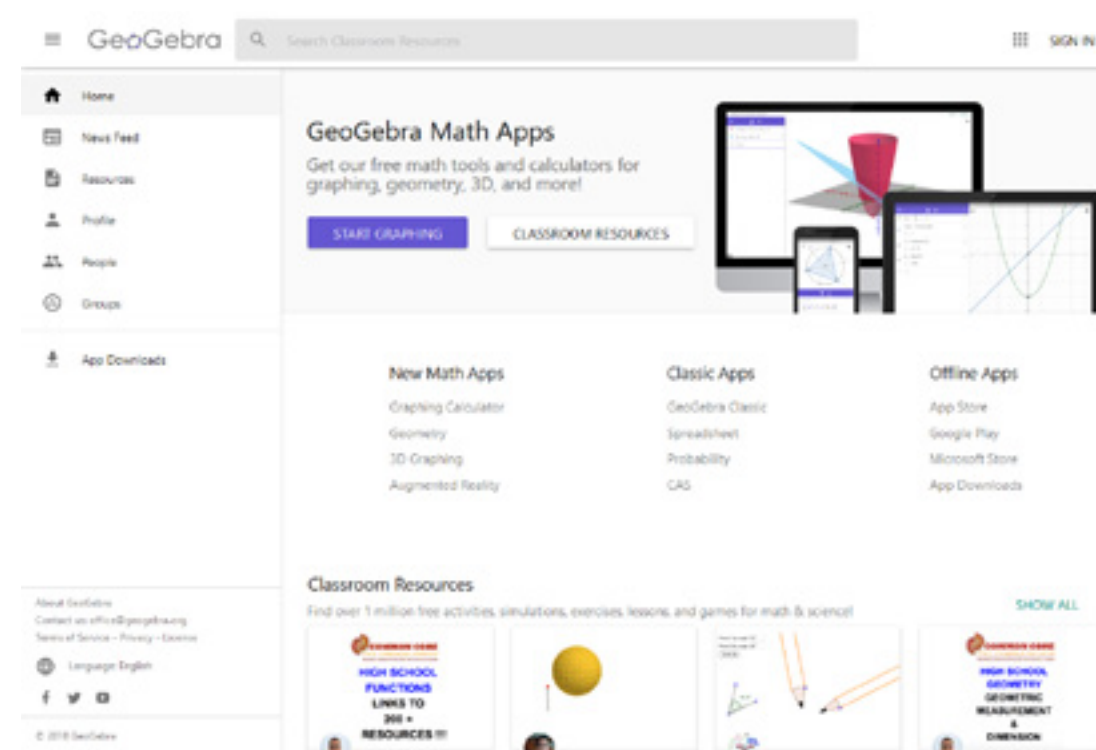
GeoGebra is dynamic mathematics software that brings together geometry, algebra, spreadsheets, graphing, statistics and calculus in one easy-to-use package GeoGebra supports science, technology, engineering and mathematics (STEM) education and innovations in teaching and learning worldwide. GeoGebra has received numerous educational software awards.

## TARGET PEOPLE:

All levels of mathematics education. GeoGebra is a rapidly expanding community of millions of users located in just about every country. GeoGebra's community includes a global network of teachers and students, enabling localized support for learning and improvements in mathematics education.

## FOR WHAT PURPOSES:

Provides multiple representations of objects that are all dynamically linked. The idea is to connect geometric, algebraic, and numeric representations in an interactive way. This can be done with points, vectors, lines, and conic sections. Authoring tool to create interactive learning materials as web pages. Open source software freely available for non-commercial users.



GeoGebra provides different Views for mathematical objects:



[Algebra View](#)



[Graphics View](#)



[Spreadsheet View](#)



[CAS View](#)



[3D Graphics View](#)



[Probability Calculator View](#)







Each View offers its own Toolbar that contains a selection of Tools and range of Commands as well as Predefined Functions and Operators that allow you to create dynamic constructions with different representations of mathematical objects.

Depending on the mathematics you want to use GeoGebra for, you can select one of the default Perspectives (e.g. Algebra Perspective, Geometry Perspective). Each Perspective displays those Views and other interface components most relevant for the corresponding field of mathematics.

## HOW TO USE IT:

GeoGebra manual: <https://wiki.geogebra.org/en/Manual>

GeoGebra tutorials:

-  [GeoGebra Geometry Quickstart](#)
-  [GeoGebra Algebra and Graphing Quickstart](#)
-  [GeoGebra 3D Geometry Quickstart](#)
-  [GeoGebra Spreadsheet Quickstart](#)
-  [GeoGebra CAS Quickstart](#)
-  [GeoGebra Probability and Statistics Quickstart](#)

## PROS AND CONS:

### PROS:

- Free to use software for learning, teaching and evaluation
- Fully interactive, easy-to-use interface with many powerful features
- A fun way to really see and experience mathematics and science
- Adaptable to any curriculum or project
- Available in many languages
- Access to interactive learning and evaluation resources at <https://www.geogebra.org/>

### CONS:

- Complicated for beginners



## ABOUT THE TOOL:

**INTERACTIVE:** Students use visual and spatial means to interact with this tool so they develop deep conceptual understanding of geometric principles. A great addition to the classroom!

**AWESOME:** It is one of the best apps I have ever tried! Very handy and user friendly!

**GREAT:** It's a great app. It works for lots of mathematical things, in an educational level, and also in a formal level.

**LOTS OF POSSIBILITIES:** You can do tons of things with this program, not just your Maths homework! Love it!

**VERY FUNCTIONAL:** Great learning tool! Easy interface.

**CONVENIENT:** I don't have to go and buy a graphing calculator to do my microeconomics. The program works smoothly and quickly.

## HOW TO ACCESS / DOWNLOAD THE TOOL:

Free offline Geogebra Apps for iOS, Android, Windows, Mac, Chromebook and Linux <https://www.geogebra.org/download>

GeoGebra

# WHATSAPP

## DESCRIPTION AND MAIN FEATURES OF THE TOOL:

WhatsApp is a multi-platform mobile messaging and video calls service owned by Facebook which can be installed mostly on smartphones or mobile devices for free. The application allows exchanging text (or voice) messages, to send links, images, videos and other media, and to share documents (Office, pdf) from other apps installed on the phone, like Google Drive, Dropbox, or Microsoft OneDrive. The application is also accessible from desktop computers. WhatsApp Web is an extension of WhatsApp on the phone. WhatsApp Web connects to the phone and it allows to see all messages on both devices and share documents simple and fast, directly from PC.

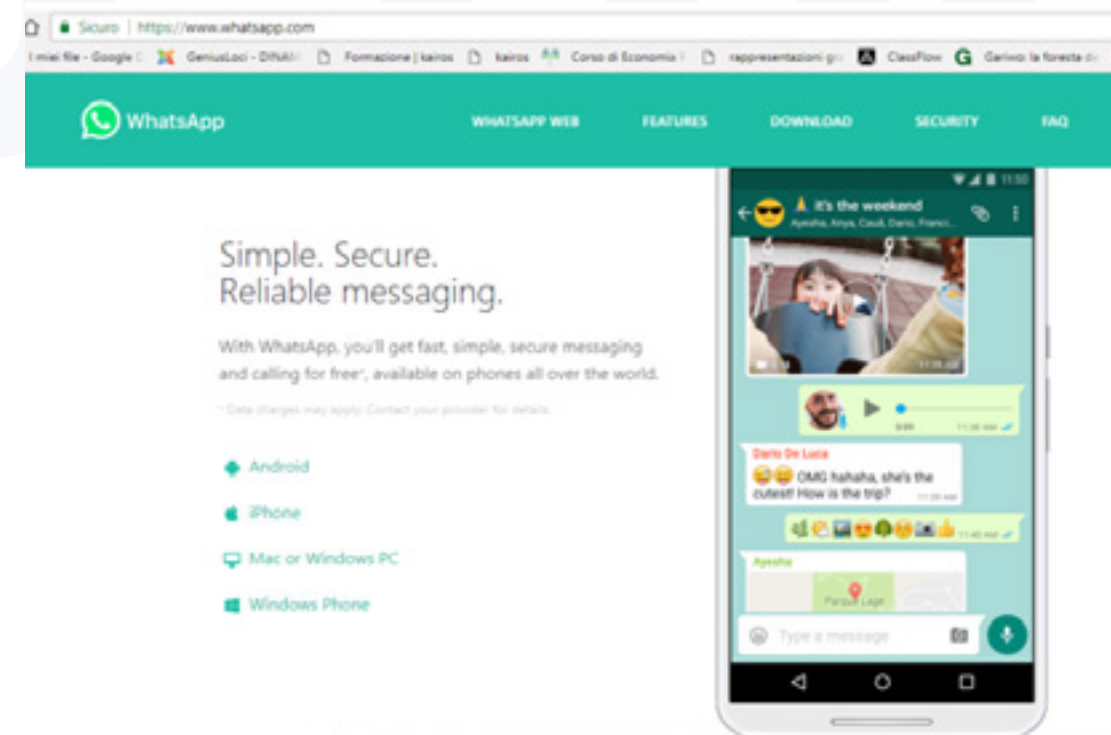
## TARGET PEOPLE:

For teachers of all subjects and students from 16 years old (in the European Region) or from 13 years old (any other country). Using the group chat function, WhatsApp allows the teachers to easily create a classroom chat or study groups for each subject, for interdisciplinary subjects or for events/projects via the phones, the most familiar technology that the students use.

## FOR WHAT PURPOSES:

WhatsApp can become a very useful web tool for educational purposes in different ways.

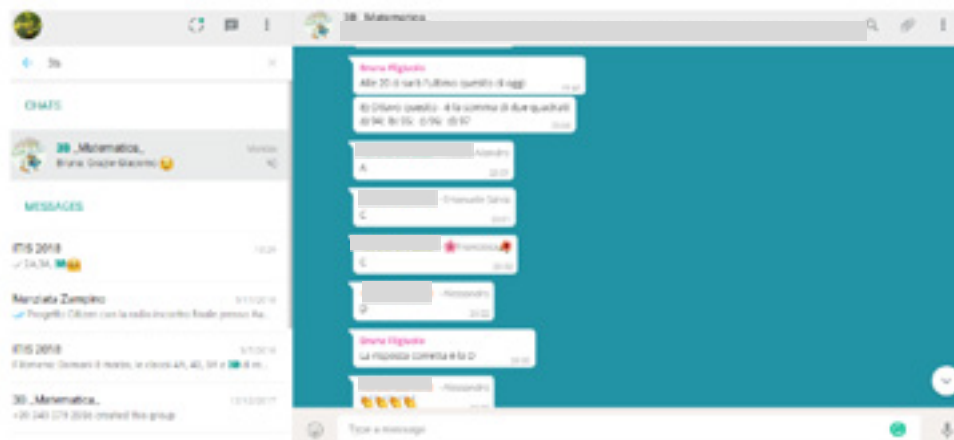
The teachers can share documents, texts, photos, videos, images, links in a simple and fast way and to discuss and prepare projects, working group and other didactic activities. Even when students are not in class, they keep in touch with their classmates, they can display the materials and know the topics studied in the classroom, they can also receive tasks. This is important for inclusion and for students with risk of early school leaving.



The teachers interact in the chat with students to clarify doubts, to send notes and materials useful for homework, to manage the working groups and provide their assignments, tasks and timelines. Also to discuss and solve problems about timing and rules.

WhatsApp can change the routine of the lessons in all subjects. The teachers can start the lesson through images sharing or photo exercises, a video about a scientific experiment, an online article, an own podcast about an explanation and sound of a poetic text and the following discussion or the reflection about it. The students can also propose to the classroom their work or a content that they have found on the web. In this way, the lesson becomes interactive.

Many teachers use WhatsApp for contests on different topics! The game can start in class and continue at home.



Language teachers can work on the grammar, punctuation and on its importance for the correct expression of the thinking, with immediate correction of the mistakes.

It encourages reflection in general on the written language and on the great differences with the spoken language, in a tool that represents a new hybrid.

WhatsApp is usually used to communicate so it is a natural tool for reflecting on the communication. Through the real situations on chat, teachers and students can reflect on emoticons and on the language of emotions. Those situations accustom the students to communicate in a right way, to share everything with responsibility, and understand each other. The classroom can assess the different codes of communication, their different potentials and reflect about fake news and hate speech (by analyzing of news from blog, social, online magazine, youtube channels followed from the students).

WhatsApp represents a great way to document what the students have done during the year and finally, it is an efficient tool for activity report.

## HOW TO USE IT:

WhatsApp FAQ: <https://faq.whatsapp.com/?lang=en>

WhatsApp on Computer: <https://faq.whatsapp.com/en/web/26000012/>

WhatsApp tutorials:

<https://www.facebook.com/WhatsApp/videos/1440361869356367/>

<https://www.facebook.com/WhatsApp/videos/1595237133868839/>

Education strategies for WhatsApp: <http://www.wapp4phone.com/facts/whatsapp-education/>

News, suggests, curiosities and guides about WhatsApp: <http://www.wapp4phone.com/>

## PROS AND CONS:

### PROS:

Free, easy and friendly one of the most popular and familiar application for phone

Available in 60 languages

Can be used for teaching and learning in all subjects



Allows to share simply and fast documents, web links, photos, videos, podcasts, social posts and other media

Makes possible to communicate timely and effective way

Allows students to get support and indication about homework and other activities

Allows students to interact each other and with the teachers in the classroom group

Allows get economic savings (less photocopies, waste of paper)

#### CONS:

Need of shared rules and netiquette

Risk to interact with own friends during the lessons

Legal limits applicable in the different countries

Right to disconnection

Requires a data plan or wi-fi connection

#### ABOUT THE TOOL:

**SOCIAL:** It allows to establish a good and respectful relationship with teachers less formal and it contributes building a more united class group without excluding anyone

**INTERACTIVE:** Students and teachers usually create a classroom chat to learn and study but also to keep in touch and share events and news of their path in the school

**INTEGRATED:** It gives the possibility to send Office documents (also from Google drive), links to websites, Pdf files and almost all audio / video/photo formats.

**POPULAR:** It's the most common and easy messaging application available on phones, used by users of all age.

**VERY USEFUL:** Great sharing tool! Immediate and simple way to send documents, photos, videos and other media,

**FUNNY:** Mistakes, misunderstandings, jokes often happen even in the chat. They become the memory of the group and of the lived situations.

#### HOW TO ACCESS / DOWNLOAD THE TOOL

Free WhatsApp for iOS, Android, Windows Phone, Mac, Windows 8 and higher, Nokia S40 <https://www.whatsapp.com/download/>

WhatsApp Web can be accessed via a supported browser like Firefox, Chrome, Safari, Edge and Opera (for now Internet Explorer and other browser are not supported); Android, Windows Phone, iOS and Blackberry smartphone users can take advantage of the web app for PC and Mac.



# KAHOOT

## DESCRIPTION AND MAIN FEATURES OF THE TOOL:

Kahoot is a free game based learning tool that makes learning FUN. It is an extremely useful educational technology tool that requires minimum technical expertise for creating quiz, surveys and discussions. It can be used for learners of all ages and for all subjects. Currently this platform offers 41 languages to create exciting and engaging learning experiences.

You can create a fun learning game in minutes which are called 'kahoots'. You can make a series of multiple choice questions or try new game mode – Jumble. The format and number of questions are entirely up to users. Add videos, images and diagrams to your questions to amplify engagement.

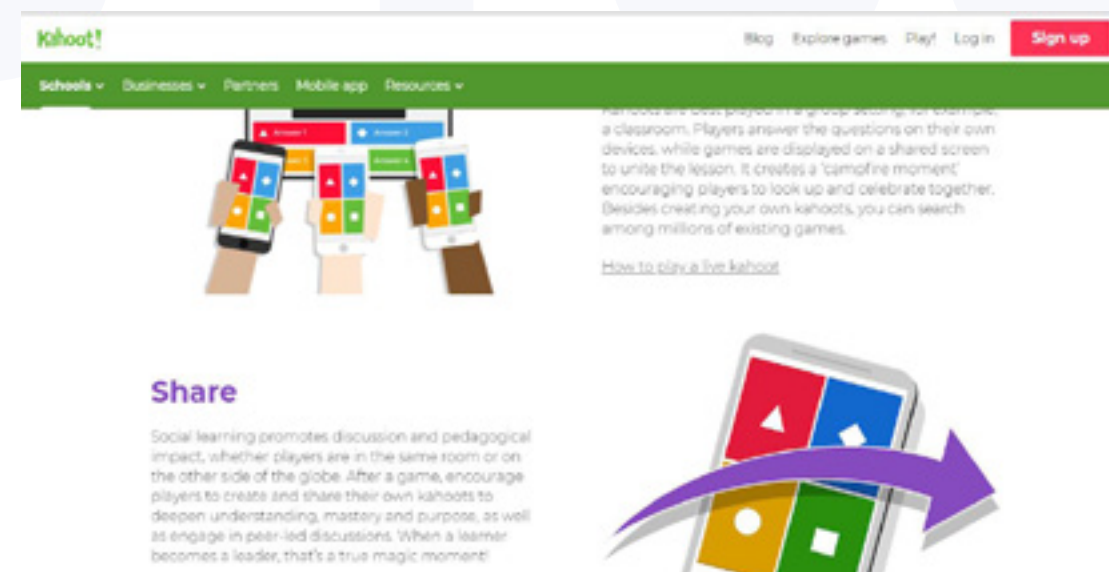
## TARGET PEOPLE:

All student groups

## FOR WHAT PURPOSES :

Kahoot is a part of bothy game -based and technology based teaching. Thanks to Kahoot student engagement in learning more, making learning fun and motivate students. A teacher can use Kahoot in the classroom with these purposes:

- To find knowledge level before lesson
- To help the students remember the most important point from a lesson by running a quiz that reviews the lesson in a fun.
- To help find any weakness in teacher's own education plans.
- Give the students the opportunity to create their own quizzes and in this way learn a topic through research, presentation and play each other's quizzes



## HOW TO USE IT:

Kahoots are best played in a group setting, for example, a classroom. Players answer the questions on their own devices, while games are displayed on a shared screen to unite the lesson. It creates a 'campfire moment' encouraging players to look up and celebrate together. Besides creating your own kahoots, you can search among millions of existing games.

Social learning promotes discussion and pedagogical impact, whether players are in the same room or on the other side of the globe. After a game, encourage players to create and share their own kahoots to deepen understanding, mastery and purpose, as well as engage in peer-led discussions. When a learner becomes a leader, that's a true magic moment!

As everyone knows, practice makes perfect! With the challenge feature and mobile app, you can assign kahoots as homework. Students play kahoots on their phones for revision and reinforcement, training their classroom superpowers anytime. In homework challenges, questions and answers will appear on their phone screens. Choose a kahoot, assign it as a challenge and share the link or PIN with your students. Make homework awesome!

## PROS AND CONS:

### PROS:

- It's flexible

- In a few minutes, you can create a learning game for all ages, any topic. Kahoot!

- is even played in gym classes!

- It's simple

- Kahoot! works on any device with an internet connection. For players, no ac

- count or login is required to join a game.

- It's diverse

- Starting a conversation or reinforcing knowledge, introducing new to pics or

- encouraging teamwork, and more – there's so many different ways to Kahoot!

- It's engaging

- Kahoot! fosters social learning, unlocks learners' potential and deepens peda

- gogical impact.

- It's global

You can connect and play in real time with other players in 180+ countries.

- It's free

Creating learning games and playing Kahoot! in your classroom is free.

### CONS:

- Less appropriate in formal setting

- Less useful for in-depth discussions

## ABOUT THE TOOL:

### Malini Ganapathy - Universiti Sains Malaysia

Moving with the current flow of digital technology, educators are expected to adopt similar trends in the classroom and this calls for a blended learning approach. My colleagues and I have actually adopted Kahoot! in our English Language courses and we have found it to be very motivating for students and it has the potential of reinforcing learning too. I'm surveying for further responses on Kahoot! use in the classroom.

### Maria D. Avgerinou - Educator

I agree that Kahoot! is a very powerful tool to motivate students, facilitate both on-the-spot feedback, and assessment (formative and/or summative), and create a fun, positive atmosphere in the classroom! Many teachers in our K12 international school endorse this view. It can also help enhance the face-to-face "social presence" dimension of a blended lesson, thus help build a strong community of learners.

### Meral Unver - Anadolu University

I frequently use Kahoot! in my classes particularly to review previously studied vocabulary items and grammar structures. I even include some questions about pronunciation because I put emphasis on phonetic description of words by introducing them key symbols step by step. My students love it! The feedback I get is positive.



1. it brings variety regarding activity types
2. it creates a positive classroom environment
3. it is competitive, students like to win
4. it appeals to different learning styles
5. students like to use their mobile phones in the classroom. the teacher herself lets them use mobile phones!
6. it is a good warm-up especially on Monday mornings
7. it is easy to use for both students and teachers
8. some particularly like the background music :)

## HOW TO ACCESS / DOWNLOAD THE TOOL

Go to [www.kahoot.com](https://www.kahoot.com) Press on the large purple “GET MY FREE ACCOUNT” button. Fill in your role (teacher), your school or university, create a username, supply your email and select a password.

# Kahoot!

# LEARN ENGLISH KIDS AND LEARN ENGLISH TEENS

## DESCRIPTION AND MAIN FEATURES OF THE TOOL:

British Council offers more than a Web 2.0 tool to be used at class, but also a friendly environment where learning and teaching can be extended while children are at home, with or without their families. British Council provides a platform of learning English as second language with a wide variety of materials that can be used in class and at home. We can find there a lot of videos and listening materials, worksheets, interactive exercises and games that help learning English which may be used within formal, non-formal or informal educational activities. The rules for students, parents and teachers are clearly stated.

## TARGET PEOPLE:

Anyone who wants to learn English language in an interactive and interdisciplinary manner. Children of all ages, teachers, parents; if children are under 12 years old, they should use LearnEnglishKids.britishcouncil.org. If they are older than 12, LearnEnglishTeens.britishcouncil.org is the appropriate component for them.

## FOR WHAT PURPOSES:

The programme is offered by British Council and it is available only in English. It is mainly used at English lessons, but it also provides a large variety of interdisciplinary activities. The tool allows practice of reading, listening, spelling, writing or speaking. Thus, all the competences of expressing in a foreign language can be trained there. There are also areas dedicated to language contents and structures (vocabulary and grammar). It offers many worksheets and online resources available both for teachers and students.



## HOW TO USE IT:

You can use the website as anonymous, without registration yourself there, but if you want to get the most out of this tool, you should create yourself an account. This is totally free of charge and allows members to fully interact with other users by adding comments at the uploaded materials. Membership gives you the opportunity to: build your own profile in an international online community; leave questions for other site users to answer; download learning resources for free; you can always access, change or delete the information you provide.

If someone wants to use this tool outside the classroom and without the guidance of a teacher, could also pass a placement test where the level of English is identified quickly and efficiently. There is no one way to use Learn English, but here is one technique that a lot of learners could find useful: most of the pages have a video, some audio or a text article at the top of the page. There are some preparation activities that could be used before listening, watching or reading. Students shouldn't easily understand everything, but they should be able to understand a lot of what they hear or read. The tasks that accompany each video/audio/written material may test the general and specific understanding, may be related to language content (vocabulary or grammar aspects). Learners have the opportunity to go back to the support materials if they get stuck. They get an immediate feedback of their work. Consequently, they can do the exercises as many times as they like as long as they achieve the learning objective.

An important aspect is related to the fact that speaking and spelling have a special area within the site where these competences can be trained.

There are also some downloadable PDF files which can be useful in case of a poor-quality internet connection or if a teacher wants to use the materials in class. Here, teachers and parents may find: flashcards, worksheets, crafts etc. to be used outside platform.

Finally, there are the comments where you can discuss the page with other learners or ask questions.

There are also some grammar references where there are some explanations regarding certain grammar issues. At the end of each page, some interactive grammar exercises are provided. Students can take the test as many times they want until the learning objective is achieved.

The tool also takes into account the tiredness of learners and offers some games, jokes and tongue twisters grouped in the area called Fun and Games.

## PROS AND CONS:

### PROS:

- An interactive and funny environment for learning English in various learning environments;

- Special section dedicated to parents;

- Clearly stated rules for students, teachers and parents;

- Videos and images available there can easily be used at other classes;

- Materials made available by professional, native-speakers of English language;

- Practice of all language skills: reading, listening, spelling, writing or speaking;

- Practice of language contents: grammar and vocabulary;

- Area dedicated to games and funny activities;

- Easy to be used on various devices;

- Instant feedback;

- Possibility to take another try if the answer is wrong;

- Methodological suggestions for teachers;

- Search option;

- Connection to real life;

- Training for language exams;

- Interaction with other users.

### CONS:

- Impossibility to download video materials in order to use them without an internet connection;

- Some assessing exercises are available only online;

- Too friendly environment which creates the impression that you can permanently have another try. This can be tricky for students when they get to an exam with similar items.



## ABOUT THE TOOL:

### TEACHERS' OPINIONS:

**Interdisciplinarity:** It is mainly used at English lessons, but it also provides a large variety of interdisciplinary activities in domains such as: History, Geography, Biology, Maths etc.

**Usefulness:** You can create a whole lesson only with materials available online.

**Variety:** LearnEnglishKids.britishcouncil.org and LearnEnglishTeens.britishcouncil.org provide a large variety of materials (videos, audios, stories to be read, articles etc) that can be used in order to develop language skills. It also offers a diversified range of worksheets, flashcards, grammar explanations, and crafts, online exercises both for competences and contents which can be efficiently used at class activities or at non-formal ones.

### STUDENTS' OPINIONS:

**Instant feedback:** This site helps you to learn verbs. After you complete some grammar exercises, the site gives you feedback.

**Fun:** I like this site because it helps you to learn English in a funny way.

**Easy-to-use:** I offer 10 stars to this site because it is very easy to use.

Details: I found this site today in English lessons. I am sorry that I missed other classes when it was used by my mates. Today we watched a video with conditionals and after that we solved some exercises regarding verbs in IF Clauses. What I liked was that we had an instant feedback of our work and we could have another try.

## HOW TO ACCESS / DOWNLOAD THE TOOL:

The tool can be accessed by following the links:

<http://learnenglish.britishcouncil.org/en/>

<http://learnenglishkids.britishcouncil.org/en/>

<https://learnenglishteens.britishcouncil.org/>

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# POWTOON

## DESCRIPTION AND MAIN FEATURES OF THE TOOL:

PowToon is a tool for making animated videos and presentations. If you find classic presentations very simple, this tool is the right choice for you because of its funnier and more interesting content, and it allows easy understanding of the shown content for the target people. It is simple and fun to use, and at the same time effective for presenting content for different purposes. Videos and presentations which are made by using this tool allow easier understanding of the content and adjust to target people, and in picturesque and fun way present the content, report, simulations, results analysis etc. There are three levels of use of PowToon: Free, Pro and Business. Although the free version has limitations on the number of available styles and elements, it allows large number of choices when creating quality animated videos and presentations.

## TARGET PEOPLE:

Students, teachers and everyone who wants to experience new way of presenting

## FOR WHAT PURPOSES:

PowToon's functionality and capabilities to use different styles and elements make it possible to create different multimedia content:

- Presentations
- Educational videos
- An introduction, a brief overview or a reminder of the teaching content
- Simulation of phenomenon and process
- Marketing and presentation of products
- Results analysis and reports



## HOW TO USE IT:

Since this is an online tool, the creation of a video is fully implemented in the web browser. It is necessary to visit the web site [www.powtoon.com](http://www.powtoon.com) and log in. Except the classic registration with form completing, you can also make your application by using Facebook or Google accounts, automatically. After signing up, the video or presentation process starts. In both cases the principle of design is the same. The only difference is that you can manage the presentation yourself while the video is automatically running from start to finish. Creating starts by selecting the appropriate style or the finished template. By choosing a style, you select the theme and type of elements that will appear

in your presentation: a group of backgrounds, characters (characters), shapes, labels, etc. Regardless of the first style choice, you can change your choice or use individual elements of other styles at any time. Instead of choosing a style, you can also select templates- pre-made slides with set elements that only need to change the text. In this case everything can be changed and these predefined slides can be edited if you choose Customise mode. The interface for creating content is quite simple and intuitive. It is necessary to choose the appropriate background and choose from the elements that you want to include in the presentation and place them on the stage. Each element you add is automatically displayed on the Timeline so that you can define the way and time of the impression. Use the slider to specify when individual elements appear in the presentation and impression / disappearance effects. You can also use the effects when switching to the next slide. Except for the existing elements which are part of PowToon, you can also add pictures, short videos and audio files that need to be downloaded from your computer. After finishing the making of content, it is published on PowToon, Youtube web pages and by using of embed code you can update it on your own web pages, online courses etc. Detailed video tutorials on how to use PowToon can be found on the website: <https://www.powtoon.com/tutorials/>.

## PROS AND CONS:

There are three levels of use of PowToon: Free, Pro and Business. The free version has limitations:

- limited number of styles, backgrounds, elements and audio tracks;
- The inability to remove the PowToon log from the presentation/ video
- The inability to download directly to your computer (except for downloading via Youtube)
- Maximum duration of up to 5 minutes
- Use for non-commercial purposes

The free version of PowToon is quite sufficient and can be widely used in teaching. Whether a teacher wants to easily explain and bring students closer

to the content, make a brief introduction to the new tutorial to motivate students to interact, or give students the opportunity to present the results of a seminar work or a joint project in a fun and educational way - PowToon is a great choice.

Pro and Business versions allow HD download, remove PowToon log from presentation or video, longer video duration (15 or 60 minutes), and the ability to collaborate or simultaneous work of multiple authors on the same content.

## ABOUT THE TOOL:

- Easy to use
- Fun and interesting way to show the content
- Unusual and different way of making presentations and videos
- Easy to understand

## HOW TO ACCESS / DOWNLOAD THE TOOL:

Since this is an online tool, the creation of a video is fully implemented in the web browser. It is necessary to visit the web site [www.powtoon.com](http://www.powtoon.com) and log in. Except the classic registration with form completing, you can also make your application by using Facebook or Google accounts, automatically.





## BULGARIA

Secondary Vocational School of Economics “Prof. Dr. Dimitar Tabakov” – Sliven, Bulgaria is a prestigious institution with a long history and good reputation. It is founded in 1948 as a “Commercial School”. from the capital, Sofia. The school has 500 students, aged from 14 to 18. It prepares specialists for the Bulgarian economy, in the fields of “Banking”, “Operational Accounting”, “E-commerce”, “Business Administration”, “Economic Informatics”, “Economics and Management” and “Trade”. The students acquire the professions of financier, accountant, organizer-Internet applications, office-manager and economist. 45 qualified teachers give the trainees a wide general knowledge and the necessary knowledge and skills in economics, business and marketing, entrepreneurship, banking, insurance and marketing.

The school takes preventive measures for at-risk students and tries to create safe and supportive learning environments. The school also identifies the talented students and provides a curriculum that enables them to develop and achieve their potential. A lot of students from the High School of Economics are winners in National competitions in accounting, IT and English for business purposes.

Secondary Vocational School of Economics “Prof. Dr .Dimitar Tabakov” tries to facilitate the integration of minority and disadvantaged children in the educational system and to deal with the school problems by increasing the interest in the profession and introducing new teaching methods and different extracurricular activities in the school program. The school is involved in projects under national and operational programs and projects under EU programs. The students’ participation in projects and extracurricular activities motivates them to develop knowledge, skills and competencies.



## SPAIN

The CE Ave Maria San Cristobal is a primary, secondary and vocational school. Our institution provides educational opportunities to people who intend to expand their knowledge or skills.

We have several departments:

- Commercial studies.
- Business and Administrative studies.
- Electrical Engineering.
- Telecommunications.
- Constructions.
- Robotics.
- Graphic design.

It's located between the district of Albayzin and Haza Grande (Granada – Spain), a working class neighborhood and a touristic area where thousands of people come every year to visit it and walk along its streets.

This school cares the value of helping people with necessities as it's a school that works with students who are at risk of social exclusion. The school has also a wide experience working with students with hearing impairment and it has approximately 100 students with educational special needs from a global number of 950.

Our institution also works in a program that consists of a period of learning in working with the company. Due to this program, our centre has created an effective enterprise network so that our students benefit from a work experience.

The CE Ave Maria San Cristóbal has a wide experience in European projects, participating and promoting more than 30 projects in the last 12 years. During projects our students have the chance to meet new cultures, expand their world and get in touch with other realities.

Our school is also an open institution to professionals as it offers foreign internship to our students. In that way, they have the opportunity to travel to acquire new professional skills while learning a foreign language and meeting new cultures.



## GREECE

1 EPAL Kavalas is a Vocational and Technical school. Our institution provides educational opportunities to people who intend to expand their knowledge or skills and to receive also a lyceum degree.

- We offer them educational opportunities which will help them in adjusting to the technological, economical, social and cultural developments.
- We offer also opportunities which would help to obtain vocations according to the employment policies parallel to economic development, through our educational programs.
- We prepare the students to get to the job market or to continue to the University.
- We undertake tasks connected with education and bringing up of our students with fewer opportunities and smaller chances of successful living.

We have several departments as:

- Mechanical Engineering
- Electrical Engineering
- Computer science
- Electronics
- Hairdressing
- Esthetics & beauty
- Constructions
- Environmental studies
- Agriculture & nutrition

It is situated in Kavala, in North Greece, which is near the sea. In addition a big proportion of our students are migrants or one parent families who live in remote villages of the region under the danger of exclusion and of being considered second - class students. Some of our students are economy immigrants from Albania, Georgia, Bulgaria and Russia. Lately ships full of refugees from Syria left hundreds of them in the port of the city in order to find a proper way to continue their lives. About a thousand of them are living in a camp next to the school and from November 2017 twenty five young refugees are students of our school but unfortunately attend separately from the rest of

our students. Furthermore many of our students come from families with low income and from rural areas that have to cope with financial problems and living at the limits of poverty.

At last as we are vocational school lots of our students have very low academic performances maybe because they have learning disabilities like dyslexia, dysarithmia etc and that is why they have chosen to attend our school. Living under these conditions a percentage of 10% dropout from school and never get a certificate of graduation and this reflects more disability during the rest of their lives. This fact means that our school plays an important role in the social and cultural life, by providing not only education but extracurricular activities, stimulating their creativity, facilitating the students, creating conditions of inclusion and integration, understanding of different cultures in a common European context.

In our institution the priority is to provide different learning opportunities for our learners, so we are working in different projects with them out of the curriculum as (environmental, health care, orientation, outdoor activities etc).

During projects our target groups will have the chance to get cultural exchange and get the opportunity to learn the values promoted from EU. The only possibility for our students to get in touch with the foreign realities and cultures is to get involved in international projects.

In the field of volunteering, our school participates in municipalities volunteering actions and events and cooperates with the school with students with special needs.





## TURKEY

Tuğrulbey School is including primary and secondary education. Our school is located in Nallıhan /Ankara. The vision of our school is preparing students for 21th century and providing democratic,scientific,peaceful education.Also,We want to buid peace respect unity society. In our school not only do the lessons provide theoretical background but also they present to our student how to apply the rules in the real life. Namely students are exposed to real life activities. In our school staff try to use differentiated learning strategies, they take consideration into needs of students, readiness, motivation. Instuctional technology is used in our class effectively,the lessons can be suitable for every students who have got different learning strategies of students by using instructional technology such as multimedia, projector, slides. Our class is consist of about 18 students. Sometimes, inclusive students are in the class. Also teachers follow "One size does not fit all" in the light of these information;

- \* We prepare our students to real life by providing authentic learning and making practice opportunities .
- \* We try to make our students gain good behaviours both in school and outside
- \* We prepare our students to go to high school education.
- \* Student will be able to get good character thanks to our education.
- \* We prepare our students to qualities of our ages.
- \* We encouraged to student social activites.



## ITALY

ITIS “A. Einstein” is a technical school and it is part of the higher institute of education “E. Fermi” of Muro Lucano. The school is situated in Picerno, a little village near Potenza, in the South of Italy. The school includes two courses:

- Information technology
- Telecommunication.

Every course lasts five years; at the end, students take a diploma of the engineer. The diploma allows to enter into any faculty or directly as an employer in different technology, industrial, private and public sectors. The students can practice the self - employment or teach a technical-practice subject.

In the school, we have four basic aspects that guide our education activities: lab, inclusion, unified / single knowledge and the connection of the school with work. With these we try to give a better answer to the educational finalities and to the formative dimensions, encouraging the learning process.

Our school uses a lab approach. It means that a lab is, first of all, a physical place where students learn from doing. Students can use software, computers and all the types of equipment or specific materials for the experiments (chemical, physical, science etc) and for programming (Arduino, automation etc.). But the lab is also a “virtual space” where teachers and students share an educational path and build the knowledge together.

We are 2.0 school where the learning places are supported by technology. Students and teachers can use the technological device and wi-fi connection. The new didactic interaction models using new technologies to develop soft skills and to transmit the contents. It is really helpful technology and the web because our teachers can test new didactic methods, more inclusive and flexible for all and in particular for special needs students.

In the Formative Offer Plan (P.O.F.) the teacher has to choose the keywords that guide the teaching action. These shared words allow us to work in an inter-disciplinary way. This method is an answer to the problems of the technical education: the fragmentation of knowledge.

How to connect the school with the world of work? In Italy, there is a specific

program called: “Alternating school - work”. It consists of a period of learning in working with the company, or with the Chambers of Commerce, industry, handicraft and agriculture, or with public entities, including one’s ones the University of the Third Sector. For the program, our school has built an effective and collaborative enterprise network. So our student can have a strong human and work experience.



## MACEDONIA

S.S.O.U “Mosha Pijade” was established in 1928 as a lower agricultural school which formed conditions for expert qualification of the students in many parts of the country. F

ollowing the needs of the labor market, the school has transformed into a modern centre offering profiles in several vocations including the following:

Professions and profiles

MECHANICAL PROFESSION: Mechanical technician for production; Auto

mechanic TRAFFIC PROFESSION: Technician for road traffic / Technician for transport and freight forwarding

AGRICULTURAL-VET PROFESSION: Technician for agriculture/ Technician for farmer production/ Vet technician

CATERER-TOURISTIC PROFESSION: Hotel touristic technician / Cook-waiter

FORESTRY-WOOD MANUFACTURING PROFESSION: Technician for forestry/ Technician for landscape architecture

ELECTRICAL ENGINEERING PROFESSION: Technician for computers and automatic CONSTRUCTION GEODET PROFESSION: Building technician. 1264

students are attending at this school starting from the age of 14 until age of 18. Teaching is performed in Macedonian and Albanian language. Beside Macedonians and Albanians, the school is also attended by Turks, Roma, Macedonians with Muslim religion, etc.



## ROMANIA

Scoala Gimnaziala Petre Ispirescu Bucuresti is a secondary school placed in Bucharest, the capital city of Romania.

Petre Ispirescu Secondary School of Bucharest is new in Erasmus + projects, this being the first one that is implemented in our institution. The partnership has been chosen because the staff wants to diversify the methods of teaching, to stimulate the students in acquiring new skills, to enhance the after-school curricula and to internationalise the school.

The main aim of our school is to train the young generation for a society that is continuously developing. We are mainly focused on students' interests and skills, but we also take into account labour market needs.

We promote a democratic spirit, we encourage the freedom of expression, tolerance and diversity within the European area. Our school promotes democratic values and practices in an environment suitable for a qualitative learning, student-orientated teaching approaches and accomplishment of competences that will enable our pupils to become active citizens and to assume roles in society.

### Mission

Our slogan is: We teach today for tomorrow society

Our school has the mission to teach young people for democratic citizenship, respecting equal opportunities in their education, to be citizens of a united Europe and to encourage students and teachers to complete their individual potential with knowledge and skills in order to adapt them to a dynamic world.

Through the entire educational process, our school aims to train people with high morality, tolerant, respectful for the values of democracy, with a developed competitive spirit, able to integrate actively and responsibly in a rapidly changing society. The school aims to provide each of its students the opportunity to continue the studies in high schools according to their skills and their personal desires.

Moreover, to improve the quality and performance of the teaching activities provided to our pupils, Scoala Gimnaziala Petre Ispirescu Bucuresti wants to gain a European dimension in order to share the best practices in the field of education. In this respect, ICT integration in teaching and learning activities (with a special focus upon Web 2.0 tools) and new methods of teaching are identified and applied at class.

The staff of our school:

ensures that the quality of the projects is at a high level;

establishes permanent connection between the project results and the curriculum, by integrating the new tools and methods in their teaching activities; manages and organises national projects where the creative potential of pupils and students is highlighted.





