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**E-BOOK**

# *Digi competences for life*

**Final product: Project 2020-1-FR01-KA229-080514\_1– LOVE MY CITY**





## **LTTA 1 FRANCE: Smartcity , technology and well being in my city FRANCE**

### **Teaching methods**

**Web 2.0 tools workshop** and schedule of the day was:

1. Sweet home 3D

The link of instrument: <https://www.sweethome3d.com/>

2. Kahoot

The link of instrument: <https://kahoot.com/schools-u/>

3. Geocaching

The link of instrument: <https://www.geocaching.com/>

### **The impact are Web 2.0 tools having on students**

They are interactive, multi-purpose, easy-to-use digital platforms that encourage students to collaborate with each other or create and share individualized response products.

Web 2.0 tools provide engaging ways students can interact with, and most importantly, learn from course materia.

Web 2.0 also facilitates personalized learning, creating a safe learning space for each student. Students are better able to choose their preferred way of receiving information so that they can learn to the best of their ability. This way, anyone can learn in diverse contexts that fit him or her personally.



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## **GEOCACHING**

### **Getting started with geocaching**

You're invited to join the world's largest treasure hunt. Watch the video above to see geocaching in action. Below, you'll find tips and instructions on how to find your first geocache in four simple steps. Download the official Geocaching® app to play.

#### **1. Open the app**

Download and open the Geocaching® app to see geocaches near you. Then, select a geocache to find!

Find a cache near you.

#### **2. Navigate to the geocache**

Once you select a cache, go outside, and use the app to navigate to it. And don't forget to bring a pen so you can sign the logbook inside the geocache.

#### **3. Look for the geocache**

Once you navigate to the location, look at the recent activity and the hint for clues. Geocaches come in all shapes and sizes!

#### **4. Find and log the geocache**

Sign your username in the geocache's logbook and place the geocache back where you found it. Log your find in the app or on Geocaching.com to see your find count increase!

We tested to discover our city with the different partners, it was funny. The students like it and it's a very motivating way to explore the culture and the architecture of the city.

You can start with young children. It's very easy. In every city in the world you can do it!

**Source :** <https://www.geocaching.com/play>

**SEE YOUR HOME IN 3D WITH SWEETHOME3D**



<https://www.sweethome3d.com/>

Sweet Home 3D is available in English and 28 other languages. It's an open source SourceForge.net project distributed under GNU General Public License.

Draw straight, round or sloping walls with precise dimensions using the mouse or the keyboard.

Add furniture to the plan from a searchable and extensible catalog organized by categories such as kitchen, living room, bedroom, bathroom...

Change color, texture, size, thickness, location and orientation of furniture, walls, floors and ceilings.

While designing the home in 2D, simultaneously view it in 3D from an aerial point of view, or navigate into it from a virtual visitor point of view.

Annotate the plan with room areas, dimension lines, texts, arrows and show the North direction with a compass rose.

Create photorealistic images and videos with the ability to customize lights and control sunlight effect according to the time of day and geographic location.

Import home blueprint to draw walls upon it, 3D models to complete default catalog, and textures to customize surfaces.

Print and export PDFs, bitmap or vector graphics images, videos and 3D files in standard file formats.

Extend the features of Sweet Home 3D with plug-ins programmed in Java, or by developing a derived version based on its Model View Controller architecture.

Choose the language displayed in the user interface of Sweet Home 3D and its rich help from 29 languages.

Download Sweet Home 3D to run it offline under Windows, macOS, Linux and Solaris, or use its Online version from any browser supporting WebGL.



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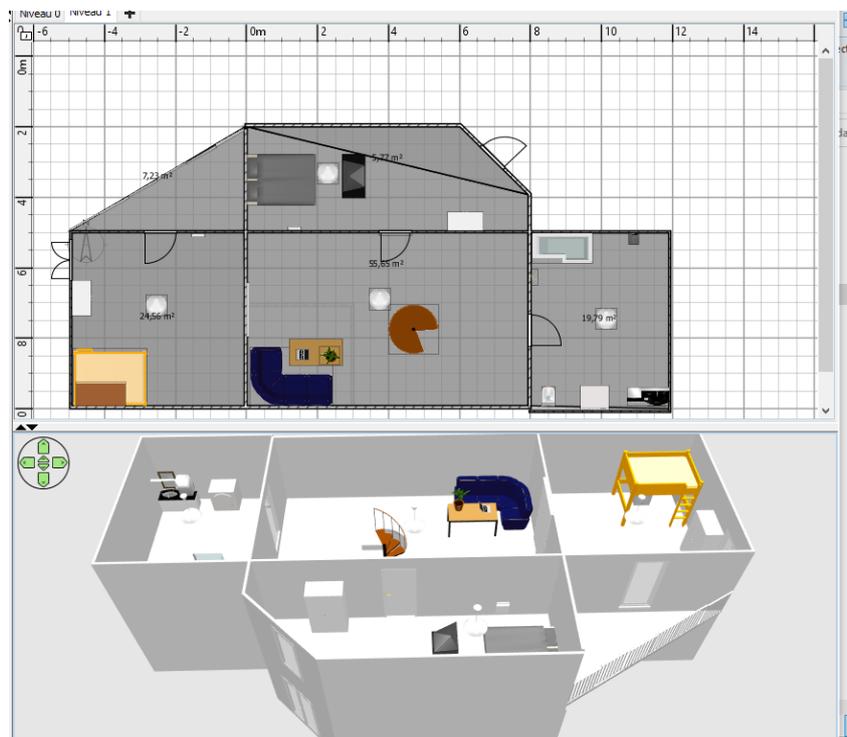
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Example : build by the students



Another example:





## KAHOOT AND ERASMUS PROJECT

### **Gamify classroom engagement with Kahoot!**

Maximize engagement next year and save over 20% on Kahoot!+ Max!

#### **Use Kahoot! in your classroom to:**

4. Boost motivation with new characters and game modes!
5. Increase engagement with ready-to-use resources for any subject and grade
6. Get instant feedback from every student in the class
7. Assess class learning progress with reports and analytics
8. Foster creativity and teamwork to turn learners into leaders

<https://kahoot.com/schools-u/>

This webtool is very attractive for students and very collaborative. The challenge to have the best mark is very important.

It's easy to involve all the students in this method, they participate to the challenge. It's good too when the students become teachers

Example : <https://create.kahoot.it/details/7f1ff1d5-7777-4b20-8a86-cc9cae38b65a>

### **LTTA 2 DENMARK: Renewable and Green energy in the city**

#### **Teaching methods**

We looked into how flipped learning can benefit the students, not least when teaching difficult subjects and topics like e.g. sustainability and green energy.

The participants got an introduction and then they tried their hands on creating their own flipped learning using tools like screencast-o-matic supported by a group of Danish students.

This cooperation had several purposes. One being learning the idea and thought behind flipped learning and how to create a video supporting this. And one being for the teachers to get to know the students.



We have arranged it so that students going to Romania, sat with the Romanian teachers, students going to Turkey, sat with the Turkish teachers, and students going to Austria sat with the Austrian teachers.

This turned out to be a brilliant idea, because when the students went on “their” LLTA they already knew some of the teachers we were to meet. And that made them feel more comfortable and relaxed up till their travels.

[Flipped learning Why, how and overview](#) \_

[Screencast-o-matic](#)

As a way of ensuring that the students had grasped the concept we introduced the use of Google Form where you will be able to ask questions, have them hand in assignments, etc.

[Instruction video on how to make and use Google Form](#)

### **LLTA 3 NORWAY: Special students and special needs as a reason to love my city**

#### **Teaching methods**

Use of ICT, Project Based learning and cross curricular activity in an inclusive classroom:

Workshop lead by Therese Holm

1. **Using Kahoot!** in the classroom. Students appreciate active learning strategies in order to learn. There are a plethora of different options, digital or not, and Kahoot provides several ways in which to learn.

Kahoot is a quiz-based platform, but it has other features too. 1. It is possible to use as a starting point.

How much do the students know in advance? Do they have an understanding of the topic? What kind of knowledge do they have?

2. Kahoot is exceptionally helpful in acquiring new vocabulary, including terminology and definitions.

3. Review. What has been the learning output in the last couple of weeks.

4. Quizzes to measure learning. This also helps the teacher to assess and to set the course for further study.



5. Motivation to learn and to pay attention to the world around us.

6. Equity – let the students create Kahoots for the class. This will give the students a motivation boost, help the teacher assess the learning output, and it will bring the class closer together. There is an issue of personalized data which prohibits some countries from using Kahoot in school.

2. **PADLET** Padlet is in essence an online noticeboard for teachers and students. It gives the teacher, the class or the student a platform to add texts, images, memes, videos, links, etc. Padlet is very nice when it comes to sharing and interacting with schools from other countries, hence ideal for Erasmus + projects.



Key features of Padlet are:

- Add posts easily, one click, copy-paste, or drag and drop.
- Intuitive: Built on sensory impressions - sight, sound, and touch.
- Simple link sharing allows for collaboration between students, classes, schools.

Link to a great site for using Padlet: 20 useful ways to use Padlet in class now - Ditch That Textbook

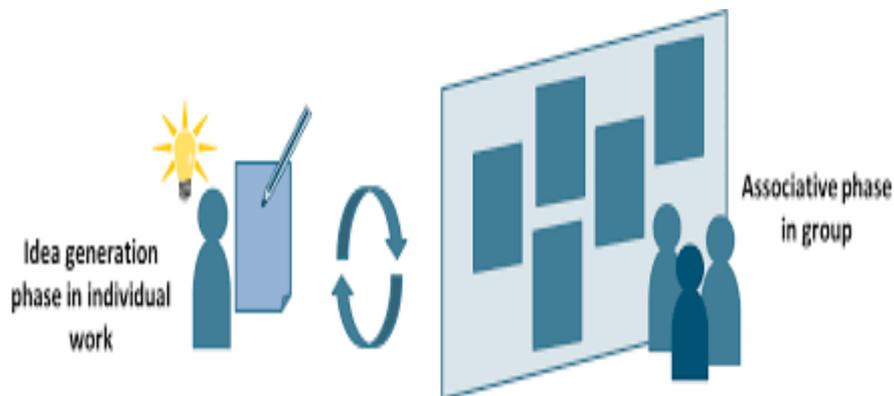
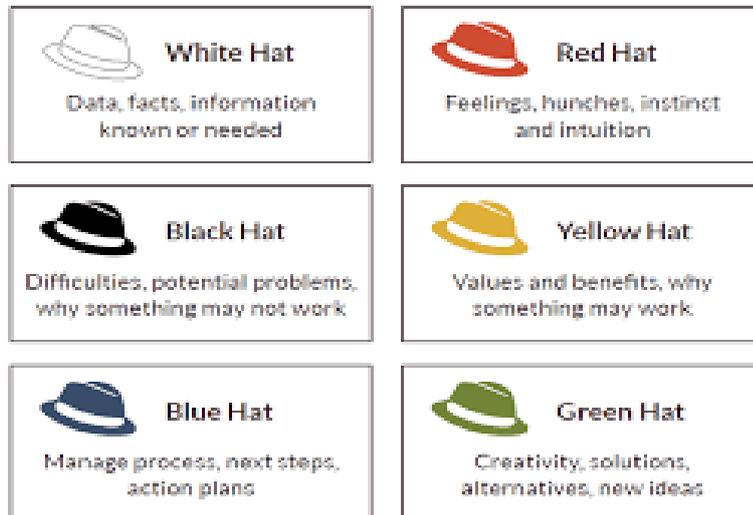
We did not work on AURASMA due to the fact that it was shut down 2020.

#### **LTTA 4: Healthy food and well being in my city ROMANIA**

##### **Teaching methods**

In this LTTA we continued to apply the learning methods through cooperation by organizing the proposed activities according to objectives well - established operations, of a collective work founded on complementarity, to develop the skills of interpersonal communication, of children's interactions, competences and social

behaviors. In this mobility we will use Method 6 thinking hats and Gallery Tour method.



**Web 2.0 tools workshop** and schedule of the day was:

1. toytheater.com - Students interacted with music, sounds, and other types of activities (for example, puzzles).

The link of instrument: <https://toytheater.com/>

2. audible.com - Download and listen to audio books (audio books).

The link of instrument: <https://www.audible.com/>

3. capzles.com - Create timeline with multimedia (audio and video).

The link of instrument: <https://edshelf.com/tool/capzles/>

4. voki.com - Students created custom avatars to express a point of view

The link of instrument: <https://1-www.voki.com/>



## **The impact are Web 2.0 tools having on students**

They are interactive, multi-purpose, easy-to-use digital platforms that encourage students to collaborate with each other or create and share individualized response products.

Web 2.0 tools provide engaging ways students can interact with, and most importantly, learn from course materia.

Web 2.0 also facilitates personalized learning, creating a safe learning space for each student.

Students are better able to choose their preferred way of receiving information so that they can learn to the best of their ability. This way, anyone can learn in diverse contexts that fit him or her personally.

### **LLTA 5 TURKEY: Religion and way of life in my city**

#### **Teaching methods**

##### **Flickr.com**

Flickr is a great place to connect with friends and family, find new and amazing images from photographers all over the globe, and let others catch a glimpse of your vision of the world!

Flickr can be defined as a social network where users can create a free account and upload their own photos (and videos) to share with friends and followers online.

Flickr allows you to determine who can see your photos. Set any photo to public or private at any time. You can also make your photos available to friends, family, or friends & family, without sharing them publicly.

##### **Flickr's Most Notable Features**

When you sign up for your Flickr account and start exploring the photo-sharing platform, make sure you check out the following features. These features set Flickr apart and make it so different from other services.



- **Profile:** Just like any other social network, you get a profile on Flickr where you can upload a user photo and write a brief bio. You can also showcase up to 25 of your favorite photos and collect testimonials from users who are fans of your work.
- **Photostream:** Your photostream is your very own public portfolio of photos. Any uploads you set to be publicly viewable will appear in this section.
- **Albums:** To keep your photo collections nice and neat, organize them into albums. You can share entire albums with friends.
- **Faves:** Beneath every photo shared on Flickr is a star button that you can click to favorite that photo. It's a great way to bookmark photos you want to come back to later by accessing your Faves tab.
- **Galleries:** Galleries are different from albums. They allow you to publicly showcase other users' photos. You can add up to 50 photos or videos to a gallery.
- **Groups:** Groups are based around a central topic or idea and allow users to freely join. Members of a group can share their photos and participate in group discussions.
- **Stats:** You can see exactly how other users are finding and viewing your photos on Flickr by accessing your stats. You'll get to see graphs and charts representing your source breakdown, recent views, and top views.
- **Recent Activity:** Get a glimpse of all the recent interactions you've received on your photos, like faves and comments, by looking at your recent activity. You can also filter your activity to see activity on just your photos, replies to your comments, messages, or a custom view.
- **People:** Flickr is better with friends. You can import your contact lists from Facebook, Yahoo, or [Gmail](#) to see who's already on Flickr so you can connect with them.



- **Organize:** Use Flickr's unique Organizr tool to edit your photos and arrange them just the way you want.

Once you've created your flickr account, the sky's the limit! Here's what you'll need to know to get started:

<https://www.youtube.com/watch?v=iGlaFjVxsvE>

**References:** <https://www.lifewire.com/what-is-flickr-4147535>

[www.flickr.com](http://www.flickr.com)

### **Storyjumper.com**

[Storyjumper](http://www.storyjumper.com) is a popular tool for creating storybooks. It is easy to use for students of all ages and it can help them create their very own storybooks. Students can use their imagination and create new storybooks from scratch or customize pre-designed templates. Students can also have their digital storybooks converted into hard-cover books so that they become authors of printed books!

Teachers can use Storyjumper to create a digital classroom, encourage student collaboration, and provide instant review and feedback on student work. If a teacher wants to add joy and creativity in the classroom, and make learning more engaging, this tool is worth giving a try.

### **How to Use Storyjumper as a Teacher**

Go to [www.storyjumper.com](http://www.storyjumper.com).

Click 'sign up' and make your own account.

For making your account, either use Facebook, Google or an existing email address to create a new account. Note: If you login via Facebook or Google, Storyjumper might take data about you from those platforms.

To create a new account, provide details such as some basic personal information, school zip code, and school name.

Add as many classes as you want. Each class should be given a name and a password. When a student wants to enter the class, they will be required to open



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the class link and provide the password.

Here are some pictures from the classroom while we are using the storyjumper.



Here is a tutorial video about storyjumper

<https://www.youtube.com/watch?v=QlqrpmFL55E>

References : <https://blogs.umass.edu/onlinetools/learner-centered-tools/storyjumper>

### **WHAT IS THE IMPACT OF USING WEB TOOLS ?**

Web tools make learning more fun. Students become more engaged to lessons.

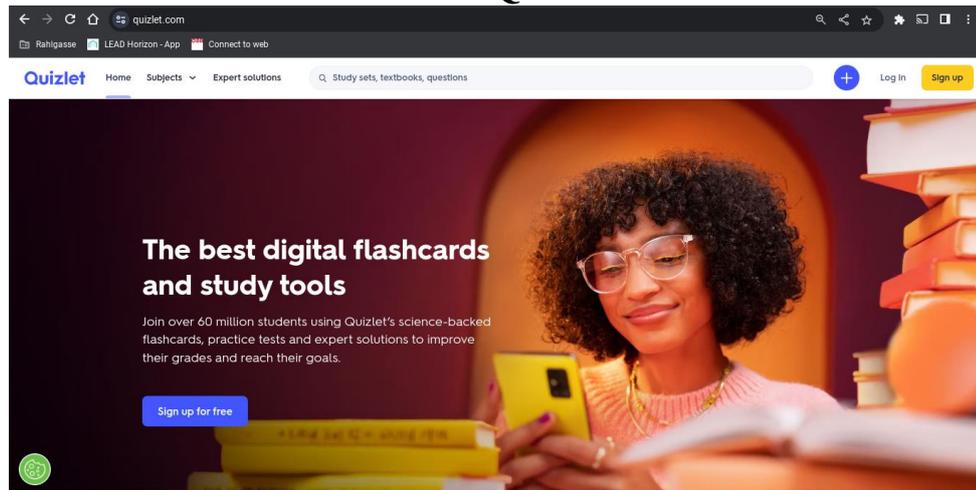
They are more motivated to participate in the lesson.

Lessons become more interactive with web tools, so students are more eager to and more motivated to learn.

## LTTA 6 AUSTRIA: Transport in my city

### Teaching methods

## Welcome to Quizlet!

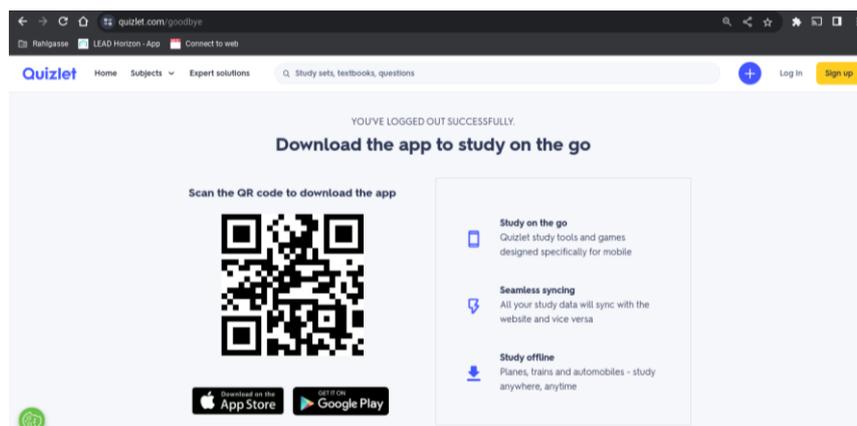


Quizlet is a free online learning tool. You can create interactive tests and you can use it in your classroom even for interactive quizzes or use the live mode, where students can work together in teams.

You can produce your own study set for the students to learn or choose from many created by other users.

Several different study modes are available. You can also add images or audio files from the Quizlet library. If you want to add your own you have to upgrade to the paid option (Quizlet Plus for teachers is currently about 32€ per year).

The programme can be used in any subject. And it can be used directly on smartphones.





## How to use Quizlet:

- To create a study set go to <https://quizlet.com>
- Create an account; you can set one up for free. (or use your Google or Facebook account to sign in)
- Click on Settings and choose your privacy options.
- Create a folder and give a name to the folder.
- Use “Search Quizlet” by entering your Subject or key words. Save interesting exercises, you may want to use (and edit) by clicking on “Add” in the folder you created.
- At the top of the screen you can see the words “Create Study Set”, click on this button.
- Choose a title for your study set.
- Right beneath the field for the title of your study set you can change the options concerning who can see and edit your study set.
- Choose a language for your study set. You can choose different languages for the first and second column, e.g. to learn and train vocabulary in different languages. This is important for the integrated audio system.
- Type the words/ equations/ concepts/ formulas/ dates ... you would like to use in your study set into the first and the definitions/ synonym... into the second column.
- Add a photo or audio file. To add an image click on the button on your right and insert a picture from the Quizlet library. If you want to add your own images, you have to upgrade.
- If you want to add, more than five words click on the button “+” to add more rows.
- If you are finished, click on “Create”.
- Share it with your students via mail, QR Code, link or Moodle platform or create a class in Quizlet.



## **Modes:**

Once you are finished, you can choose between several learning options that Quizlet made out of your list:

### **1. Self Study modes:**

#### **Flash Cards**

This mode is similar to paper flash cards. In it, users are shown a "card" for each term. Users can click to flip over the card, or use their arrow keys, and see the definition for that term.

#### **Learn**

In this study mode, users are shown a term or definition and must type the term or definition that goes with what is shown. After entering their answer, users see if their answer was correct or not, and can choose to override the automatic grading and count their answer as right if needed.

#### **Test**

In the test mode, students can test their knowledge. You have several options to customize your test. You can choose the question types (Written, Matching, Multiple Choice, or True/False). You can mix them all or choose just one. You can decide if you want to start with the term or the definition or if you want to do both. You can decide a question limit, for example, you want to make 8 questions out of 23 terms.

Then click on "Create new test". You can do that several times to have different groups if e.g. you want to print them out. Fill in the test and click on "Check your answers". The test is corrected automatically and you can see your right and wrong answers.

You can find your result on the right hand side at the top, the grade (from A to F and the percentage of right answers).

If you want to do a test on the study set again, click on "Create new test". Test yourself (with new questions) until you get an A.



## Match

In this study mode users have to match definitions and terms as quickly as possible.

## 2. In class activity:

### Quizlet Live

You need at least six students to play this mode. In this play mode, students work together to find the term that matches the definition - since none of them has all of the answers. They have to communicate and work together and compete against the rest of the class. However, Quizlet Live encourages accuracy over speed. If a team matches incorrectly, they have to start over from the beginning. The students have to go to [Quizlet.live](http://Quizlet.live) and enter a join code and their name. You can remove names by clicking on the name of a student, e.g. if he or she uses a nasty name. Quizlets then creates random teams. Give some time to your students to sit down together in their teams. The teacher computer is showing the leader board, so that all the students can check how fast they are in comparison to the others.

### Checkpoint

You can choose the terms and definitions you want your students to answer. They will have 20 seconds to answer each question.

### Some more Hints:

- Use images such as charts and graphs so you can base questions on graphic sources.
- After the quiz, you can download the results and use the data to analyze the knowledge of your students.
- Share your quizzes with your colleagues, you will get new ideas.
- Create shortcuts to [www.quizlet.com](http://www.quizlet.com) on mobile labs and iPads/ iPods for easy student access.



- There are many study sets on several topics ready for using (in several languages). Search for a key word and go through some quizlets. You can also copy or add a study set to a class or folder and then edit it so that you do not have to create the whole quiz on your own. You can find examples for almost any subject/ key word.
- Challenge your students to create their own study sets on what you did in class. Eventually your students could exchange them with each other.
- You can also import a file (e.g. Word, Excel, other) and create a study set out of this file.
- Analyzing what they are good and weak at helps you to make lesson plans.
- Students can use Quizlet on their smartphone because there is a Quizlet mobile app for Android and iOS.
- You can create classes and invite your students to join your class. Give it a name and fill in the field “Your school” too, so that others can easily find it. Set the options for your class.
- If you want to track your students and see their progress and results, you have to sign up for the paid option. If you just want to make it more fun for your students to learn and test themselves, the free version is sufficient.
- Ask your students to create a Quizlet account with their real name, so you can easily identify them on Quizlet.
- If your students are under 13, they will be asked for a parent’s email address during sign up.
- You can sign up students that have no e-mail address with your account. There is no limit to the number of Quizlet accounts that can be linked to one e-mail account. (All password resets request will go to you. Ask your student to turn off class notifications by clicking on “Class options” to avoid too many mails)
- Try it out, your students will enjoy, but don’t use it too often...



## List of references:

<https://quizlet.com/>

<https://quizlet.com/blog/news>

<https://quizlet.com/help>

<https://quizlet.com/teachers>

<https://www.commonsense.org/education/website/quizlet>

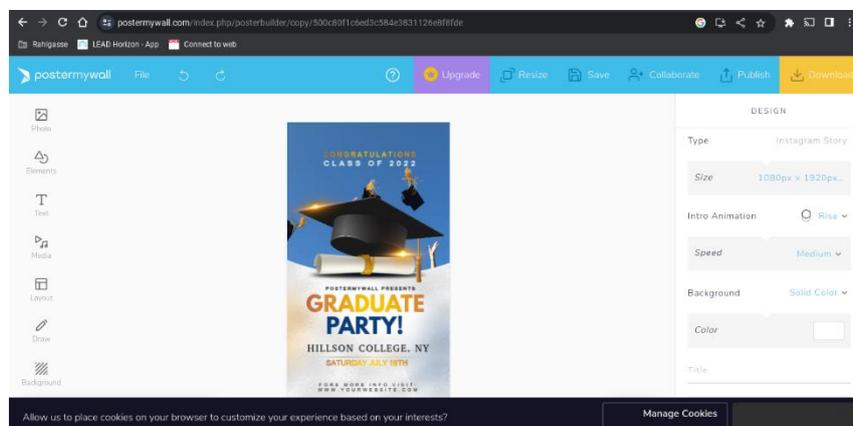
<http://uk.pcmag.com/quizlet/74848/review/quizlet>

[https://www.youtube.com/watch?v=AqiBY6\\_324k&index=7&list=PLOU2XLYxmsIIn9zepP\\_JLwNkvqYzpfieY](https://www.youtube.com/watch?v=AqiBY6_324k&index=7&list=PLOU2XLYxmsIIn9zepP_JLwNkvqYzpfieY)

## Postermymall:

Using postermymall will help you design flyers, e-mails or social media graphics easily. There is a large choice of templates. And as in many other applications, you need to upgrade for some of the features you may want to use.

Currently there are two different subscription options for 10 or 30\$ per month. Your designs can easily be shared on social media. The size of the graphics can be changed easily so that you can use one graphic for different purposes.



As you can see in the screenshot you can easily add text or other elements such as photos or videos or change the layout and background.



The drag-and-drop menus are very intuitive. You can also draw by yourself or add an animation. The website is very user friendly and you don't need experience in graphic design to do wonderful graphics by yourself. If you want to use videos it quickly gets expensive.

Another advantage is that you have such a large variety of templates so that you get inspiration easily if you have no idea what your poster should look like.

The spellchecker and the options for the text forms could be better. On the whole this programme is easy to use to create your own posters, logos and graphics.

### List of references:

<https://www.postermywall.com/index.php>

[https://www.postermywall.com/index.php/posters/gallery?utm\\_source=homepage&utm\\_content=herocta\\_createadesign&utm\\_medium=cta&utm\\_campaign=homepage](https://www.postermywall.com/index.php/posters/gallery?utm_source=homepage&utm_content=herocta_createadesign&utm_medium=cta&utm_campaign=homepage)

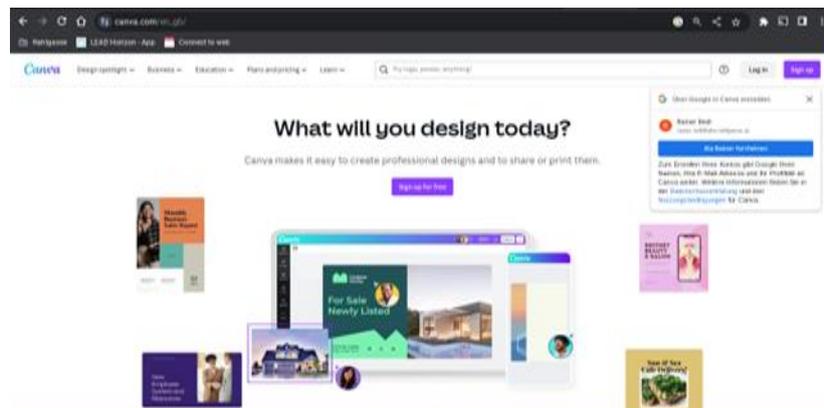
[https://gradient.postermywall.com/?utm\\_source=footer&utm\\_content=blog&utm\\_medium=link&utm\\_campaign=ui\\_footer](https://gradient.postermywall.com/?utm_source=footer&utm_content=blog&utm_medium=link&utm_campaign=ui_footer)

[https://www.postermywall.com/index.php/info/faq?utm\\_source=footer&utm\\_content=faqpage&utm\\_medium=link&utm\\_campaign=ui\\_footer](https://www.postermywall.com/index.php/info/faq?utm_source=footer&utm_content=faqpage&utm_medium=link&utm_campaign=ui_footer)

### Canva:

Canva can be used to design logos, banners and posters and much more.

There is a large choice of templates. And as in many other apps, you need to upgrade for some of the features you may want to use.

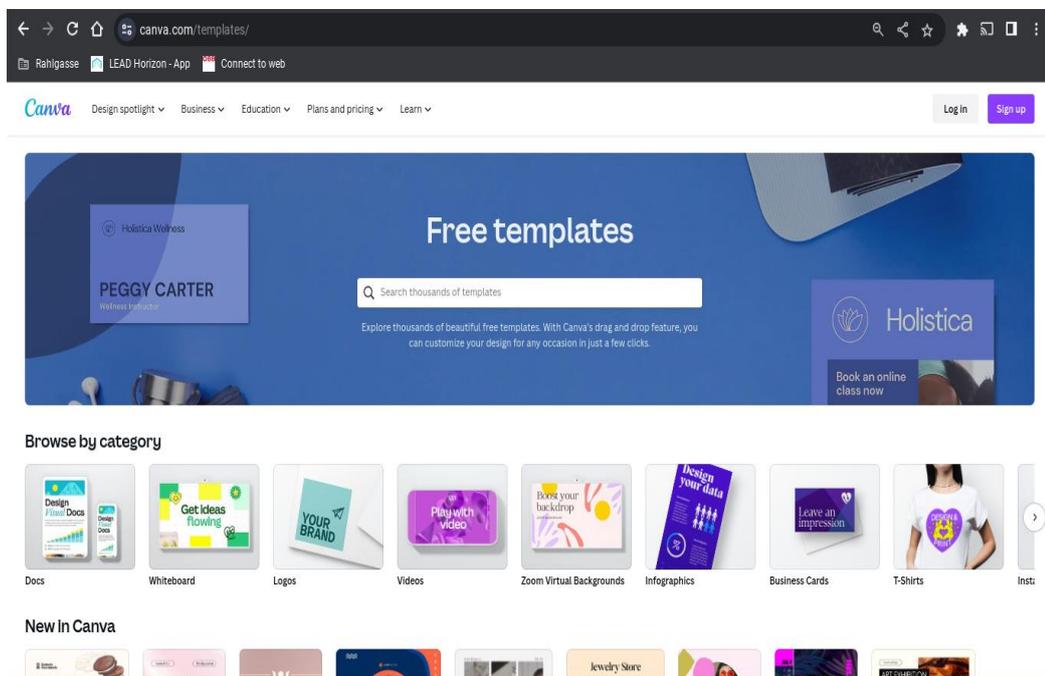




Currently there are two different subscription options for 12 or 14\$ per month, but there are options for education and teachers that are free.

Your designs can easily be shared on social media.

The size of the graphics can be changed easily so that you can use one graphic for different purposes.



Canva and Postermywall are very similar, Postermywall tends to be more noisy in terms of advertisement whereas Canva tends to be more soft.

Check out yourself and what kind of design you need for which type of campaign to decide which one you would like to use. Both of them are not meant for professional use because they have their limits. But if you don't want to spend too much time on your graphic design both of them are good choices.

**List of references:**

[https://www.canva.com/en\\_gb/](https://www.canva.com/en_gb/)

<https://www.canva.com/learn/>

<https://www.canva.com/help/>



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