

DIGITAL TOOLS FOR TEACHING

LEARNING CONTENT CREATION TOOLS



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This Product has been conceived and developed by the partnership of the Digischool project.



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INTRODUCTION

The Digi Toolbox is one of the products designed during the Erasmus+ **Digischool 2021-1-DE02-KA220-VET-000033261** project, developed with the contribution of all project partners. The Digi Toolbox is a useful tool for teachers and trainers, who will be able to find descriptions of software, platforms and methodologies that can be used to make the learning process more engaging and efficient.

Each proposed tool will have a presentation card, through which the reader can immediately understand what type of software, game or site it is, if it is available in his/her native language and if it can be used in shared mode. The presentation card serves to provide simply and clearly the main information about an instrument, which is often not so easy to find on the official website.

Subsequently, each tool and methodology is explained in more detail with a description of the most important and interesting functions with the insertion of screen and video tutorials useful to better understand how it works.

The third section is that of tips and tricks in which the reader will find interesting ideas and tips to use the tool, even in an innovative way concerning the purposes for which it was created.

Since the toolkit is aimed at teachers and trainers, in drafting the contents, we thought it appropriate to add some more indications on how each tool can be useful for certain subjects and achieve specific learning outcomes.

The Digi Toolkit is a complex and rich guide that collects over 50 tools, so you just have to browse it and find the most effective ones for each need.

LEGEND



Language Icon There will be the indication about the language available.



Co-working Icon

The icon indicates if the tool ha a co-working mode.



Free/Premium tool There will be the indication if the tool has a free use mode or are available subscription mode.



Operating System There will be the indication if the tool work and is available on the most common operating system



Level of difficulty

 star indicates more complex tools.
stars indicate the

easiest tools



Previous Knowledge

Indication of previous knowledge needed to use the tool.



Learning Disorder

The tool is useful to create contents friendly for students affected by Learning Disorders



PREZI

PRESENTATION SCHEDULE



The tool is available in most European languages, including: English, German, Spanish and Italian



Yes. There are different modalities to share the work and cooperate on it.



The site has different subscription packages and a free use version. There are 4 categories and per each of them different subscription proposal (from 3 euro to 59 per month)



The platform is accessible from any operating system and search engine. An app for pc is available to work offline.



It doesn't require specific knowledge. It's suggested to have the basics for graphic design



The platform can support creation of contents adapted to students with learning disorder.





Prezi is software for multimedia content creation, offering three main typologies of content to work on.

- Prezi Video: this function allows different working options: a live Prezi presentation integrated with the most famous video call and webinar platform. In this section is possible also register a video to be used in a later presentation.
- Prezi Design: the graphic design and data visualization tool. In this section is possible to create different kinds of documents, such as graphs, infographics, reports, slides show, maps and posters.
- Prezi Present: this section is aimed at creating a presentation to be shared with others. It's possible to search among the templates already present or create a new one.

The Prezi platform encounters the needs of different users offering many different functions, however, most of them are available only for users who have a subscription. Nevertheless, by subscribing to the platform with a Basic subscription, you won't pay anything and will be able to create engaging and interesting content..

It's not required to have specific knowledge and neither to be an expert graphic designer, it's just enough to follow the basic rules for making a multimedia presentation. If you don't know them, check online, they are few and easy to remember.



Prezi home page



This is the home page, once, we have logged in the platform. On the left column we can choose which kind of content we want to work on. Otherwise is possible to type a key-word and then the platform will propose the templates matching with it.

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To work on free mode, remember to click on anyone in the web. Once, you have your template open, you'll be able to add images, illustrations, text choosing colours and size.

PREZI

TIPS AND TRICKS

Prezi provides the possibility to create maps and graphs in it, without importing them as an external image. Click on Edit data and there you can type the info you want to include in the graph or change the gradient colour of the maps according to the datas.

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- Each section of Prezi has some video tutorials to support the users in understanding the specific functions. Here there's the example about Prezi Video.
- On the right column of the landing page, you can create folders in order to organize better your content. You can create folder about subjects, classes or acconding the multimedia content you are creating. In this way you will find quickly what you need without wasting time.
- You can create scratch presentation, but of course, it requires more time than starting from another already present on the platform. It will help you saving time.



LEARNING OBJECTIVES & BENEFITS OF USING

- The platform provides plenty of templates for different purposes or topics, so it is recommended to create multimedia content for all the school subjects.
- For history, geography, statistics, and literature you will find very interesting tools such as maps, timelines, and graphs. Use visual support to let your students understand better the notions they have to learn.
- Visual content is perfect to support a student with a learning disorder. On Prezi, you'll be able to create amazing mind maps or slideshow with images. Of course, they will be useful for all the students.
- The possibility to record interactive videos with text and images will be helpful for online classes. Remember that Prezi can interact with the most famous video call platforms.



PADLET

PRESENTATION SCHEDULE



The tool is available in most world languages, including: English, German, Spanish and Italian



Yes. Just share the link of the content and other users can work on it.



Yes. The platform has both a free use mode and a subscription mode. From one to another changes the number of padlet you can create.



The platform is accessible from any operating system and search engine. It's possible to work online or download the app on the device.



It doesn't require specific knowledge



The platform it's good to create content for students affected by learning disorder.



PADLET

FUNCTION DESCRIPTION

The Padlet platform was created with the aim of creating multimedia content that is easy to organize and share with colleagues and students. The use of the site is simple and intuitive with the ability to customize your content by adding files of all kinds: from excel spreadsheets, audio from Spotify, files from Photoshop and Illustrator, videos from Youtube or Vimeo, ensuring high flexibility in the integration of resources external and content. The platform is based on the creation of a bulletin board, which can have different arrangements depending on the use for which it was created, ranging from padlets for purely organizational purposes, up to more sectorial content such as timelines geographical and maps. Padlet allows you to share your work with colleagues and students, allowing various sharing options: including the ability to make it public to all users or share the padlet only with some of them through an access password. In addition, if you want to have control over the content, you can include the option that changes must be approved by a moderator to be effective. Options can also be included for the use of the content itself such as making it accessible for reading only or writing new content without modifying the pre-existing ones.

These functions are optimal for controlling how students intervene on the content. On Padlet you can also find ready-made content reusable and always available, just download them in the most convenient format.



Template available



The bulletin board has several templates that adapt to different needs: the wall is the most customizable; canvas is useful for creating concept maps; shelf for teaching planning or to make notions and contents that need to be presented sequentially more intuitive.



https://www.youtube.com/watch?v=OPkq5q8nRbM

This short video provides a quick overview of what you can do with padlet and how to use it. Give it a check to have more pieces of information about it.

PADLET

TIPS AND TRICKS

 For the creation of the first virtual boards with Padlet, view all the available modes before proceeding with the actual creation. In this way you can find the one that best suits the board you want to create. To view an arrangement mode, simply click PREVIEW to the right of the name. If you are afraid of having to deal with a "blank page", or you do not know how to organize your wall, Padlet provides a series of free templates, from which to create your own work.

To have more control over the content posted on the board, you can turn on the "Request approval" option, so content must be approved by a moderator before being published. If you want, Padlet also allows you to activate the "Vulgarity Filter", so vulgar words are automatically replaced with emojis. Padlet automatically creates virtual boards in "Secret" and "Can Write" modes. Be very careful when sharing, because it is a rather delicate moment, in which you have to carefully evaluate and select the most appropriate mode for the type of board you need.



LEARNING OBJECTIVES & BENEFITS OF USING

• Like all tools that allow you to personalized content, create Padlet lends itself to the creation of materials for any subject you Maps, timelines teach. lend themselves to the teaching of history and geography; while a grid padlet can be easily used to explain concepts of science and physics that need to be broken parts. down into small Concept maps are the perfect tool to support students with learning disorders, use them to simplify and schematize the most complex topics. The possibility of customizing the Padlet, will allow you to create a planning table of your lessons be shared with also to the students who can leave vou comments or observations.



BLENDSPACE

PRESENTATION SCHEDULE



The platform is available in English but it is possible to find plenty of teaching materials in several languages.



The platform allows resources to be created and shared



There are no costs for the users. Free accounts (can sign in with Google or Facebook, if desired) are required to participate in in-platform.



Blendspace is accessible by the principles operating systems.



Basic ICT skills: the platform is quite intuitive and easy to use.



The platform contains interesting content and materials suitable for students with learning disabilities



BLENDSPACE

FUNCTION DESCRIPTION

Blendspace is a digital educational platform that allows educators to wish to create online lessons for their students. The tool supports different teaching methodologies (e.g. Flipped Classroom) and contains different types of teaching tools. Educators can create classrooms, add their students to these spaces and monitor progress. Students can also log in without an account, with the exception of the platform forums.

All the content of each lesson is collected in one place, in easy-to-follow blocks. Internal platform tools are also available to monitor progress and comprehension. On the next page you will discover how:

1. **Create a lesson** by drawing on those in the digital library and customising them by adding videos, PDFs, PowerPoint, websites, Dropbox files, quizzes, images, texts and forums in an organised and easy-to-follow grid.

2. Present a lesson choosing colours, layout and add comments for your presentation

3. Sharing and collaborating your lesson with other teachers

4. Create a class by sharing a code to students

5. Create a quiz to monitor class learning on the pre-prepared lesson





https://www.youtube.co m/watch?v=vo1a86L_ykk



BLENDSPACE

TIPS AND TRICKS

- You can add tags to your lesson to make it easier for other users to find you. Use the Standards button on the dashboard to add them.
- You can categorise your lesson by subject. A variety of subjects are available in the dashboard such as literature, maths, art etc.
- Share your lesson on social channels (Facebook, Linkedin
- Twitter) Google classrom, embled, email, Qr code
- Blendaspace gives you the opportunity to create dynamic interactive learning materials: use multimedia materials, insert summary quizzes to make your lessons more stimulating
- Before preparing a lesson, take a look at those available in the digital library: they will provide you with food for thought and new ideas!
- You can save all your lessons to your Google Drive account: use the button in the right-hand bar. Once you've connected your Google Drive, your files will be displayed in this Google Drive section.
- Always check if the elements you add to your lesson are copyrighted



LEARNING OBJECTIVES & BENEFITS OF USING

- Access to several resources and modalities within a central digital location (timesaver)
- Adaptable for workstations (assign groups to square numbers)
- Creation of convenient study guides (students can collaborate and pull from multiple resources)
- Encourages critical thinking practices when responding to prompts, activities and classmates.
- Students have control over the time spent with each lesson or block and can review as often as necessary or desired.
- Students who need extra help or reinforcements can be provided additional material and access and repeated review



MIRO

PRESENTATION SCHEDULE



Available in many languages.



Miro is a tool designed specifically for collaboration between team members, for interaction during a lecture or presentation.



It is possible to use the tool for free or by subscribing to subscription plans that offer additional functions to the use of the tool.



Available in many operating system.



The platform provides several functions for which medium-level ICT skills are required.



The platform offers additional elements to create learning materials accessible to people with learning disabilities



MIRO

FUNCTION DESCRIPTION

Miro is a platform that enables the creation of one or more interactive whiteboards for effective collaboration in both work and learning environments. Miro's whiteboards are comparable to those used during a lesson thanks to a series of functions that include, for example, adding text, post-its, geometric shapes, linking, etc.

The special feature of Miro whiteboards is the interactivity that allows the full involvement of the users participating in the teaching session.

The Miro platform allows users to work together effectively through didactic activities, brainstorming, planning and management of flows and processes.

It is a versatile tool, capable of fulfilling many functions at the service of the creativity of those who use it.

The free version of Miro allows collaboration but with a limit of three shared whiteboards. Learn more about our plans and features available, check the pricing page, and choose the best option which fits your workflow.

Miro offers a wide range of features and tools through which to create your own business. To learn more, register on the free <u>Miro Acudemy</u> platform, which offers a series of seminars, training sessions and webinars on specific aspects of using the interactive whiteboard



You can register with your email address or with Google, Slack, Office 365, Apple ID or Facebook and then create a new team or join an existing one. Once you are logged in, you can access your dashboard and decide whether to create your board "from scratch" or use one of the templates available on the platform.



When you open your new board you'll see toolbars on the top, left and bottom-right. The blank area is your board interface. To start creating content, select a tool from the creation toolbar on the left. You can create, import, move, edit, and delete objects on your board - all the changes that you make on the board are saved in real-time.

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MIRO

TIPS AND TRICKS

- In Miro's Marketplace, you can find **several types of apps**, either built by Miro or external developers, which are described below: Apps to help you save time & work effectively on the board; Apps to help you connect Miro to other tools; Apps to help you import content to the Miro
- If you've got a list of items in a spreadsheet and you want people to be able to categorise or prioritise those items during an online workshop, you can convert it instantly into a set of sticky notes. Copy the entire list in Sheets, then return to Miro and paste it. Each cell will be shown as a separate sticky note.
- You can also easily transform each sticky note into any shape if you don't want them as the standard square. To do this, either select an individual note, or a group of them, and from the pop-up that appears, select the little square on the left and choose whatever shape suits you.
- You can add tags to help further organise your notes by selecting an individual sticky and clicking on the tag icon that appears in the pop-up.
- You can add images, PDF files, Google Drive documents, and MS Office files. To upload files from your device choose Upload on the creation toolbar
- You can also share your whiteboard by inviting your students to participate by sending an email as shown below. Users, once they accept the invitation, will be able to edit, comment and view the board content in real time



LEARNING OBJECTIVES & BENEFITS OF USING

- Setting up cooperative and collaborative learning environments.
- Stimulate in the student the development of personal transversal skills such as working strategically in a team, communicating clearly, effectively and creatively and organising group work with agility.
- Allow the use or creation of concept maps useful for all students to study and learn and for teachers to transmit the knowledge they teach.
- It is possible to create reusable resources: templates created and used can be saved and adapted or reused later, unlike the flipcharts normally used in faceto-face teaching sessions. This aspect is very important because it allows, for example, to have templates that are the result of interaction and collaboration between teacher and students.



MINDMUP

PRESENTATION SCHEDULE



The platform is available in english but for the contents you can use any languages.



The platform allows to share the contents and collaborate



The platform provides both free and paid subscription plans



The platform is accessible from any operating system and search engine.



Basic level in the use of digital technologies



The platform is particularly suitable for students with learning problems as it offers mind and concept map templates



MINDMUP

FUNCTION DESCRIPTION

MindMup allows users to create mind maps online, save them and synchronise them in the cloud to access them from any location and device, collaborate in real time and share them with colleagues and friends.

The tool allows for attachments of various formats, text and images and lends itself to a wide range of educational purposes such as note-taking, concept mapping, event planning, summary diagrams, concept maps and cooperative learning.

It is an online tool that offers a free full version, which allows you to make an unlimited number of maps, save and export maps up to 100 KB in MindMup's storage space, for up to six months, save larger maps on Google Drive. You can also start using MindMup without the need to create an account.

As far as the Google Drive integration is concerned, the main features are:

- Support for typical Google Drive workflows
- Renaming and editing folders from the app or creating a map within a folder to inherit sharing permissions so you can manage maps more easily
- Screen layout and options organised similarly to other Google Drive apps so you can get started more easily
- Support for multiple simultaneously connected Google accounts
- Previews visible directly in Drive so you can share and find maps more easily
- File attachments from Google Drive to map nodes
- Adding images from Google Photos to map nodes



You can create a map from scratch or use one of the templates available from the platform (only with payment subscription)

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MINDMUP VIDEO TUTORIAL



https://www.youtube.com/watch?v=4hIEs4niSOo

MINDMUP

TIPS AND TRICKS

- <u>MindMup Atlas</u> automatically adds images and contextual information to ensure that your maps show up nicely on Twitter, Facebook, Google+, LinkedIn and Pinterest.
- You can add images and icons to your maps to provide context and illustrations.
- Administrators can easily control sharing settings for the entire organisation. MindMup also integrates with Office365 and Google authentication for easy account management.
- <u>Use notes and attachments</u> to quickly create a structure for an article or a writing assignment, then create a document outline and continue editing in your favourite writing tool
- You can easily create a copy of an existing map by using File > Make a Copy while editing the map. Creating a copy clones the content, but not the history of changes, so the copy starts with a clean history. This is convenient if you want to share the final results of a mapping session, without sharing how you got there – for example to share an assignment with students without giving away the results.
- MindMup Cloud enables Gold users to concurrently edit maps and collaborate. You can share a map with other users by clicking the Share button in the top-right corner while editing a map, or selecting the File > Share option from the main application menu. Just enter the e-mails of people you would like to share the map with (up to 10 at a time), and choose whether they should be able to just view the map, or collaborate with you on editing. Click the Allow access button to confirm, and the collaborators will get an e-mail with instructions on how to access your map.



LEARNING OBJECTIVES & BENEFITS OF USING

- They are easily accessible to students with reading difficulties (e.g. dyslexia).
- They favour the memorisation of concepts.
- They facilitate the organisation of a discourse on the subject. Selfproducing mind maps stimulate creativity and motivate study.
- The use of maps in study improves the organisation of a discourse (particularly in the case of oral subjects) memorisation and planning.
- It is motivating for student producing their own mind maps, because it enhances personal resources, such as creativity.



CANVA

PRESENTATION SCHEDULE



Canva is available in all project partners' languages.



You can work together with your colleagues in real time even if they are somewhere else.







It is working regardless of the operating system of your computer.



Canva is very easy to use.



Canva is very easy to use, however, students with learning disabilities might have problems and will need assistance.





Canva is a great design tool that can be used in schools and not only there to create projects that look good and also help to teach students the basics of digital design. Canva simplifies the process of digital design.

Canva is a free tool that allows students and teachers to work with design layouts, photo editing, and many other things. And what is more, it is an easy-to-use platform.

This tool can be used by students to submit projects (group projects, because students can work together remotely, or individual ones), and it can also teach them how to work more creatively when laying out work. Teachers can also use the platform to create presentations, posters, and more for the classroom.

Users can use thousands of templates which makes the work with Canva even easier.

Canva works together with Google Classroom thus using will be easy for institutions that are already using it.

The user can customize his/her content with different items, such as:

- Images
- Elements: illustrations, doodles, lines, arrows, shapes
- Texts: there are some text graphics already available or create the personal one
- Graphs: it's possible to choose among different graphs





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Smartmockups	Whiteboard	A4 Document	Infographic	Worksheet	Brochure ?

Canva interface. To create a content, we can type a keyword in search bar a then pick a template good for us; search it according to the format and the fuction it will have; create a new one starting from the scratch clicking on create a design

Video tutorial "Canva for Beginners":



CANVA

TIPS AND TRICKS

- Canva can be used to create a visual layout of the lessons, so students will know what to expect throughout the year and will see an example of what they can use Canva for.
- You can create student profiles, so students can check their progress during the year.
- Students can work together in groups of up to 10 members.
- Canva can be used for mathematics and science classes to display data in charts and graphs to present experiments and to make them visually engaging.
- If you are struggling, there are many video tutorials on "how to Canva".
- And if you are feeling strong about using Canva, you can buy a Pro mode.
- To make the content more dynamic, as power point, Canva supports the animation function.
- The free mode has a plenty of images and illustrations for free, in order to avoid the premium one, check if they have crown on them.
- Sometimes, you could not find the right image for your purpose, try to search it in a language different from yours, for example English. You will have different results.



LEARNING OBJECTIVES & BENEFITS OF USING

- When used in mathematics class, students can better visualize when they see visually engaging graphs and charts.
- Canva is very easy to use, so it is good as a first contact with the picture editing and designing process.
- Students can work together in quite big groups remotely.
- They can track their progress in their profiles.
- Students can learn how to make logos for the companies they might once have.
- And if not a logo, they can create cute presentations with help of Canva.
- The students will improve their design tools and creating visual content
- It's really useful to create visual contents for students with learning disorders


GENIALLY

PRESENTATION SCHEDULE



Genially is available only in English and Spanish.



This app can be turned into a collaborative mode.



Genially is for free, however, some advanced features are available for small fee.



This tool is working on every computer.



Genially can be used without previous knowledge, however, it is suggested that users watch tutorials first.



Students with learning difficulties might need an assistance while working with this tool.



GENIALLY

FUNCTION DESCRIPTION

Genially is an award-winning educational technology initiative that was also recognized as the best presentation tool. It is a cloud-based content management tool that brings creativity and interactivity to the schools and it makes students more involved.

Genially is used for creating interactive materials, such as interactive images or animations. But mainly it can be used for creating catchy presentations, video presentations, infographics and interactive games that can be used in any kind of class (mathematics, technical classes, or informatics).



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There are many templates available that users can use, or they can create their content free hand. Genially is without any doubt the outstanding interactive modality to creating interactive pdf, game creation, and adding video and audio recordings to use dynamically the content.

Students can work together or alone on their projects, it depends on what mode they decide to use.

But do not get lost, there are so many possibilities, that one can easily stray:).

Anyhow, worth to try it.



In this video, everyone can see how easy it is to use the Genially app. In various languages, there are other tutorial videos available made by other users.

One can use a FB or Google account to log into the Genially app. However, a separate account can be created as well.



Genially app interfaces with an example of content – Gamification section, free templates for educational games creation.

GENIALLY

TIPS AND TRICKS

- Use this app for creating animated images that are multilayered, for example: picture of a human body, but when you click on it, you see either a circular system or a nervous system.
- Genially is definitely highly useful for repeating the content of the lectures.
- Since 10,000+ templates and resources created by professional designers are freely available, the use of the internal search engine is highly recommended, in order to be used to the full potential of the tool.
- There can be intuitively imported very freely various objects, i.e. maps, gifs, and videos that many other apps don't allow.
- More advanced students can create easy (escape) games with this tool.
- Students can use Genially to create their CVs in a creative way.



LEARNING OBJECTIVES & BENEFITS OF USING

- Students have unlimited possibilities to create for example animated images that can be used in any kind of class.
- This way they can be more creative and create images that they like and which are suitable for the specific occasion.
- Genially is a great tool to support the creativity of students and to catch their attention during classes.
- Students with learning disorders might need kind of more focused assistance while working with this tool, in order to support them accordingly in their efforts.



iSPRING FREE

PRESENTATION SCHEDULE



Individual use



100 % free but can be upgraded to a paid Pro-version with more features



Requires program download and installation, used in Power-Point as an add-on. Internet connection is required for publishing



Basic knowledge of working with Power-Point



Learning Disorder The tool can be useful to create contents friendly for students affected by Learning Disorders.



iSPRING FREE

FUNCTION DESCRIPTION

iSpring Free is an authoring tool for creating online courses right in PowerPoint - create files in Flash or HTML5 format from your PowerPoint presentations. With the tool users can convert existing presentations into online course formats, create online courses from scratch, create online tests and surveys and deliver them to their learners by uploading to an LMS. It also enables users to create quizzes with 3 question types: multiple-choice, multiple response, and short answer. With this tool, course authors can enhance their slides by including YouTube videos and web objects that will support the learning content. It has an intuitive interface that everyone will be familiar with right away, and you can create online tutorials quickly and easily.

You need to download and install iSpring Free on your computer first. After that, open the program and click *New Course*. Now you will see the normal PowerPoint interface with an additional iSpring Free tab in the Ribbon.



Open one of your existing presentations or create slides using PowerPoint, then go to the iSpring Free tab to add YouTube videos and web objects as needed.

To add a web object, click the Web Object button. Then copy the URL of the web page you want to paste and paste it into the opened window. Then click the Preview button to check that you've pasted the correct URL. Then click OK, and the web page will be added to your course.

To boost your course with a quiz, a YouTube video, or a web object, simply click on the corresponding buttons.



In the Publish window, select how you'd like to publish your file. If you need an eLearning course for an LMS, choose the LMS tab.

🌞 Publish Presentation				×
* iSpring Free				
🛄 My Computer	Publish for	LMS		
S LMS	Project name: Folder:	Presentation C:\Buffer\Courses	~	Browse
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			Publish	Cancel

To post your file on the web, select My Computer.

* Publish Presentation			×
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L My Computer	Publish to	My Computer	
	Project name:	Presentation	
S LMS	Folder:	C:\Buffer\Courses	
	Size:	Scale slide to exact size: 960x540	
	Publish:	All slides	
		Publish Car	ncel

iSPRING FREE

TIPS AND TRICKS

- When creating a quiz, you can add an image, video, or sound as a question. You can also change feedback messages and a score if you wish.
- Clicking the Quiz button and then the Community button will take you directly to the iSpring eLearning blog. Here you can find a huge selection of iSpring features, tips and tricks and many other interesting articles about eLearning



- You can unlock iSpring Free with more features of the iSpring Suite Max authoring toolkit to easily create even more professional eLearning content and collaborate on it with your team.
- Useful links:

<u>https://www.ispringsolutions.com/ispring-free</u> <u>https://www.youtube.com/watch?v=70QoD_HgZNY</u> (Webinar on Pro-version)



LEARNING OBJECTIVES & BENEFITS OF USING

- Not only teachers also school, college, and university students can use iSpring Free for their learning activities: creating presentations, projects, quizzes, etc.
- Can also be used for school/classes organization
- Creativity is unleashed and class content is more memorable and impactful
- Creating more engaging learning content, quizzes, surveys, tests
- Promotes creatively, makes learning and teaching varied
- Well suited for blended learning environments



THINGLINK

PRESENTATION SCHEDULE



User Interface in English, German, Spanish, French, Italian, Portugease, Suomi, Arabic, Chinese, Japanese



To work individually or as a team to collaborate



Basic version free of charge, and a premium version with various additional functions; to create own content, a free registration is necessary, to retrieve the content (e.g., by the students) not.



Any operating system, Internet connection required; webtool or app



No specific previous Knowledge required



The tool can be very useful to create contents friendly for students affected by Learning Disorders (e.g. read aloud function).



ThingLink

FUNCTION DESCRIPTION

ThingLink is a web tool or app that makes it easy to create your own interactive images and videos. This results in many practical applications for the classroom.

The basic version of ThingLink can be used free of charge, and a premium version with various additional functions is also available. To create your own content with ThingLink, free registration is required; to retrieve the content (e.g., by students), it is not. Creating content works intuitively: An image or video that is to be provided with interactive elements, such as text, images or videos, also 360° images, is uploaded. Various points are then marked on the image in the form of tags, which display the respective content by clicking on them.



https://www.youtube.com/watch?v=2QDFp0cfamQ

Sample ThingLink projects:

University Central Lancashire - realistic patient scenarios for inter-disciplinary team training:



https://www.thinglink.com/video/1357704324825743363

Lesson on components of the Universe:



https://www.thinglink.com/scene/1334556638853464067

THINGLINK

TIPS AND TRICKS

- Thinglink can be used in many different ways. Above all, the students can actively create Thinglink images themselves after a short training period.
- However, since this requires a registered account, it is advisable for teachers to create an account for the entire class on which the Thinglink images created by the students can be collected. For example, for geography lessons, maps can be annotated with information, videos, audio recordings, or images about individual countries, areas, cities, or places.
- For language lessons, training on the topic of describing people could be done in this way by adding descriptive sentences to pictures of people.
- Also picture stories can be provided with the help of Thinglink e.g., with helpful keywords or sound recordings. Foreign language vocabulary can also be practiced with the help of an interactive picture.
- There are countless tutorials, e.g., on YouTube, to get familiar with the platform and get practical tips and hints. In addition, the ThingLink website itself offers support.

Selection of useful links:

https://www.youtube.com/watch?v=2QDFp0cfamQ https://support.thinglink.com/hc/en-us https://www.thinglink.com/articles/



LEARNING OBJECTIVES & BENEFITS OF USING

- Use for all types of subjects imaginable, such as native language, foreign languages, geography, history and social studies, science for all grade levels.
- Promotes digital and media competence
- Can enrich lessons and make them more varied, dry topics are more fun
- Sustained and independent learning
- Promotes expressive skills as students create their own thinglink projects
- Used and/or created in teams it promotes collaboration, communication skills



TOOLS FOR EDUCATORS

PRESENTATION SCHEDULE



User Interface in English but materials can be designed and generated in any other language



No co-working function; Helpful tool for generating teaching/learning materials by teachers, but can also be used by students as a project or task individual or within teams



Totally free but with some advertising on the site through pop-ups and banners.



Usable on any operating system; Internet connection required



No specific previous Knowledge required, but basic Internet skills; The usage might take some familiarizing, as the website is sometimes a bit cluttered.



Learning Disorder The tool can be useful to create contents friendly for students affected by Learning Disorders.



TOOLS FOR EDUCATORS

FUNCTION DESCRIPTION

The tools can be used to generate engaging and learnerfriendly educational materials/worksheets, such as word searches, crosswords, spelling exercises, bingo, board games, mazes, in a very simple way, mainly for elementary classes. For this, there is a wide range of templates. You just have to choose the template/category, enter the appropriate terms for the particular topic into the template. After that the printable worksheet will be created. It also offers to design and print any kind of certificates or similar.

Examples:

With the **crossword maker** you can create classic crossword puzzles with text clues or with images as clues. You can choose whether you want to insert text or image clues by just clicking on the appropriate link to open the application to insert the clues. You can use up to 15 images for your crossword with images or use less by leaving the puzzle text box blank. After typing in the clues und answers you just tick the box "Get crossword".



To create a cute printable "Race to the finnish" **board game**, the applications will also guide you well through the necessary steps. You just need to choose a category, assign images and instructions to each field.



Maze Game Maker lets you create mazes with 6, 9, or 12 pictures or 6, 9, or 12 content areas for text, math problems, questions for students to answer, and more. This allows not only language teachers, but also math, science, and social studies teachers to create exciting materials to use in their lessons.

The steps to create a labyrinth are the same as before with the previous examples.



LEARNING OBJECTIVES & BENEFITS OF USING

- Very easy and fast to create engaging materials for teaching elementary students
- Enriching lessons by actively involving students and adding variety to the lesson.
- Playful and pictorial exercises for memorizing terms, facts, vocabulary, expressions
- Can be used in all subjects, e.g., mathematics, geography, history, biology, native language, foreign languages



GOOGLE SITES

PRESENTATION SCHEDULE



Google sites is available in most of the languages supported by google, including all the languages involved in the project.



Sites can be edited by several people at the same time and results are displayed for all of them in real time.



Google Sites is free to use for everyone with a Google account. However, you can upgrade functionality with a paid subscription to Google Workspace, going from 5 to 65 euros per user/month, although it's not really needed.



As it is a web app, you can use it in any device with an internet connection and a compatible browser, regardless the operating system.



It doesn't require programming background or previous knowledge in websites creation.



«Sites» gives the teacher the chance of creating contents that will be useful for people with some kind of learning difficulties.



GOOGLE SITES

FUNCTION DESCRIPTION

Google Sites is a web page, intranets, extranets and wikis creation tool. The app, that can only be used as a web application, allows users to create and edit online sites while collaborating with other users in real time.

Its main features are:

- It doesn't require HTML or CSS programming, although the code can be directly edited using HTML.
- It is possible to connect the sites created with the app with files in different formats using Google Drive.
- It has a templates set ready-to-use with which you can make the site look professional and also compatible with all desktop and mobile screens.
- The app allows to create and manage different user profiles and access permissions and pivileges.

On the counterpart, the app has several limitations:

- The storage for all the sites created can not exceed 100Mb of storage for free accounts.
- There is no open use of CSS or JavaScript. Both can only be used in certain circunstances, mainly in embedded objects and within the content area of the webpage.
- All sites hosted in Google Sites won't be available to residents of countries where Google Services are blocked, i.e. China.



This video shows how to use Google Sites to create a free website.

VIDEO: <u>https://www.youtube.com/watch?v=5BhCVvFWEtE</u> Source: <u>www.teachers.tech</u>

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TSS Employee Manual [D...

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How to access to Google Sites: Once you are logged in your Google account, you can access to sites by clicking in the upper right part and choosing "Sites" in the menu

Owned by anyone 👻

Untitled Site

Jul 28, 2017

TSS Intranet

Google Sites

Back to Classic Sites Recent sites

TSS Tech Tip Tuesday Tr...



On the main screen you can find the most recent sites you have been working in. Also from here you can start a new site by clickin in the "+" icon located on the lower right part of the screen.



Once you start a new site, you will be redirected to the editor. Here you can create and edit your new site.

You will have options here to add text, images, links to other sites or documents and videos on the right menú.

GOOGLE SITES

TIPS AND TRICKS

- Sites is a great tool for sharing documents and information, so use it instead of sharing links with your students. Try to keep all the information organized in pages.
- Plan what you want to do. Think big but act small. When you create the site take into account that a site is formed by several pages that are connected between them, so better think what is going the site to be about, which pages you will need and how they will be related.
- Once you know what you want, start with something easy and practical.
- Try not to give too much information in the site. Make it simple. Use links and downloadables to make it easier to understand and to navigate.
- Give all the pages that are part of the site a common appearance.
- Headers and footers are a great place to share the information you want to include in all pages, so use them to give the entire site a coherent style. Just copy and paste them.
- Maybe you create a site in where you will add pages for different purposes (i.e. Different tutorials) and people (i.e. Sutdents from different courses). If you don't want everybody to see all tutorials or all the information of all courses, it can be a good idea to hide the pages so they can not be browsed or navigated. Choose «Hide from navigation» in the pages menu.



LEARNING OBJECTIVES & BENEFITS OF USING

- Teachers will be able to use "sites" to create a webpage for the class where to include course materials and rich content including videos, images, slides, and audio recordings that will improve learning experience.
- It can be used to have a better feedback from students but also from parents, creating a private part in the site.
- It can be a good tool to let students collaboratively work on their assignments and edit content in real time.
- Can help to centralize information in one only place, making it easier for everybody to access to what they have to, when they have to.
- School won't need to have its own server as all the services, including files storage, will be in the cloud.



COGGLE

PRESENTATION SCHEDULE



Coogle is available fully in english and partly in other languages, incluiding some of the laguages of the project (Italian, German and Spanish).



The mind maps can be shared with other people that can edit and work in them simultaneously in real time.



The app is free in his standard version and it can be used free forever with the only limitation of the private diagrams that can be done with it.



As it is a web based app, it can be used by any device with a connection to internet and a compatible browser.



It doesn't require previous knowledge, although a basic knowledge in flowcharts and cause-effect diagrams would advisable.



Can help students with learning disabbilities who are more visual learners or have reading difficulties to improve their understanding of the subject



COGGLE

FUNCTION DESCRIPTION

Coogle is a web based tool for creating mind maps, flowcharts and diagrams that will help you to encourage your students to expand their ability to think laterally and logically in any given situation.

Its main features are:

- It is not needed to install any program.
- It is possible to collaborate in real time on the same project.
- There are no limitations in the number of public projects a user can create.
- Big set of icons and templates to use in your projects.
- Possibility of exporting to several formats, incluiding Microsoft Visio.
- Auto-organization of branches for a more automated creation.
- Big database of already created diagrams that can be edited.

On the counterpart, main limitations are:

- Not possible to use high resolution images in the free version.
- Limited private projects. Only 3 private projects can be active at the same time.



Here you can find a complete tutorial about Coogle, describing all the features of the app and explaining one by one.

On the first link you will find a video tutorial with all the information included in one single video.

On the second link, you will find a training course formed by 8 short videos that will help you to go directly to the thing you want to learn.

VIDEO 1: <u>https://www.youtube.com/watch?v=CYhxWsUTRaU</u> VIDEO 2:

https://www.youtube.com/playlist?list=PLqk2_DTMbnU32QR56iLfzC

<u>JA9sJIrglLs</u>

Source: https://www.theycallmehoz.com/



If you want to make your mind map easier to remember, adding some visuals is recommended.

In every Branch you can choose to add images to identify them or, even more interesting, icons to represent actions or things. In this case you only need to start writing what you want to add using ":" in front of the Word and Coogle will suggest you which icons you can use.

Try different approaches; if you don't find what you look for, try different words.

In this example, we wanted to add a ball to represent a football match, so we started writing ":foo" and Coogle already gave us the possibility to choose between several icons in which you can find "Soccer", which is the one we wanted to choose. Once you see what you need, you can click on it or finish writing the Word, with another ":" and the end of it

COGGLE

TIPS AND TRICKS

- Make sure the structure your diagram is going to have. Define:
 - The main concept or idea you want to develop in the diagram. Use it as the title of your diagram or mind map and place it in the middle.
 - The branches that the main concept is going to have. Use as many as you think you need and also give them a title.
 - The keywords you will use in each branch.
- Choose Images and colors to help you identify and associate ideas. The more accurate you are choosing an image or a color to identify an idea, the easier it will be to understand the mind-map
- When using keywords, play with capital letters, bold texts, italics... to emphasize concepts.
- Play also with sizes in order to express hierarchy of words, going from smaller (less important or weaker connection) to bigger (more important or stronger connection)
- If you can find a template or a diagram that express what you are looking for, you can use it but always adapt it. Adapting is ok but cloning will be probably for nothing as Mindmapping is a way of representing phisically ideas and concepts (your ideas and concepts), and nobody is going to express your ideas better than you.



LEARNING OBJECTIVES & BENEFITS OF USING

- Concept mapping is a great way to collect and showcase ideas in the classroom. It increases participation and collaboration in the classroom.
- It helps to solidify concepts known already by the students.
- Although Coogle doesn't have an impressive set of features, it has a very intuitive use interface so that students can focus on recording ideas and brain storming rather than struggling with the format of their mind maps.
- It helps students to figure out links between ideas, being particularly handy for creative work such as essay writing.
- Makes students see contradictions, paradoxes and gaps in their material more easily and in this way encourage discovery and creativity.
- Helps teachers to correct exercises in a more visual way.



XERTE

PRESENTATION SCHEDULE



Available in sixteen languages, incluiding some of the languages of the project (italian, german and Spanish).



Xerte is an authoring tool that runs in server. You can create teams and share with them any project. They will be able to create and edit the projects with you.



Xerte is a free open source elearning online toolkit. There are no subscription options.



It requieres installation on a web server, usually with Linux, Apache, MySQL and PHP capabilities. Once running in the server, clients will only need a compatible browser and a connection to that server.



Although previous knowledge is not needed at a user level, system administration knowledge is required for its installation.



It has a huge potential to be used with students with learning disorders as you can use images, sounds, voice, etc.



XERTE

FUNCTION DESCRIPTION

Xerte is an award-winning free and open source suite of browser-based tools that allow anyone with a web browser to create effective interactive materials easily. Contents can be delivered to all devices using standards compliant HTML5.

Its main features are:

- It is open source and free to use.
- With collaborative content authoring, the tool is great for creating efficient and effective workflow for multidisciplinary teams.
- Xerte doesn't require any special requirements. It runs in any standard server with starndard services that are easy to maintain.
- It is a great tool for creating contents for students with learning disorders as you can use any kind of material and format in the creation process.
- Xerte easily integrates with most LMS using standards such as SCORM, LTI or xAPI.
- It has a huge community of users willing to help and solve problems to other users.
- Once the toolkit is installed in the server, users will only need a device with a compatible web browser to use it.

On the counterpart, main limitations are:

- Although the requirements are quite starndard, you will need a server in where to install the toolkit.
- IT/Systems administration knowledge will be absolutely needed for its installation and maintenance.
- Projects will be stored in the server, so it would advisable to back projects up with some cloud storage service.
- For some features the user needs to have high level previous knowledge.



At <u>https://xerte.cardiff.ac.uk/play_13869#home</u> you can find a complete tutorial with information about the most common features of Xerte.

However, in the following links you can find some videotutorial to make your begginings with Xerte easier:

- Introduction to Xerte: <u>https://www.youtube.com/watch?v=PWzqOAO01r0</u>
- Getting started with Xerte: <u>https://www.youtube.com/watch?v=kw8rKfESODM</u>
- Xerte toolkits: https://www.youtube.com/watch?v=3zq8DM2SYto
- Xerte online toolkits: <u>https://www.youtube.com/watch?v=B9LMAHantwl</u>

XERTE

TIPS AND TRICKS

- Before beggining, it is worthwile spending some time planning what yhou want to achieve with the project. Any planning will save you time in the long run and ensure consistency in design, alignment to intended learning outcomes and good user experience.
- The main question you must ask yourself is "What is the purpose of the content you want to create in Xerte?". This question will influence the design and the templates you will use.
- Consider storyboarding your Xerte content to list the page templates, multimedia elements and optional properties you will use. This will be specially important and relevant if you are collaborating with others in the creation of the site. That storyboarding will act as the blueprint to your overall design.
- When you start a project in Xerte, you can create either a Bootstrap project or a Xerte Online Toolkit (XOT) project.
 - XOT projects produce learning objects that are similar to a multimedia powerpoint slideshow but much more interactive. Students will navigate through the contents with the arrow as if they were going from slide to slide.
 - Bootstrap projects will look more similar to a website, with pages titles shown in the navigation across the top. In this case, students visit the pages in any order they choose to. Bootstrap projects use to be more powerful than XOT ones, but require more planning and storyboarding as the order is decided by the student.
- <u>http://mitchellmedia.co.uk/xot/play_80#page1</u>



LEARNING OBJECTIVES & BENEFITS OF USING

- It is an authoring tool and a repository in one, so teachers will have easy access to examples and materials to be used in their projects.
- All learning objects can be accessed on mobile devices and be embedded in other websites, helping students to access the contents, even at home, from their cellular, reducing the drop out probability of learners missing classes.
- Helps to implement blended learning at school or in some particular subjects, improving engagement of students and reducing drop out.
- It can help students to create their own content, making them to use critical thinking skills when sourcing data and information and exploring best way of presenting their work.
- Is a good tool for encouraging working in group and collaborating with other students.



ΤΙΚΙ - ΤΟΚΙ

PRESENTATION SCHEDULE



Tiki-Toki is only available in English.



Timelines can be created in a cooperative way using Tiki-Toki, but this option is only available in paid versions.



The free version of Tiki-Toki only permits creating one timeline per user. There is a special paid version for teachers.



Tiki-Toki is a website application, so it can be used from any device with an internet connection and a web browser.



Previous knowledge is not necessary, since it is really simple to create timelines and stories with Tiki-Toki.



Timelines are a very visual a didactic resource to teach the evolution of any subject, so students with learning difficulties could be encouraged to follow the lessons.


TIKI - TOKI

FUNCTION DESCRIPTION

Tiki-Toki is website to create timelines and stories with an easyto-use editor.

Its main features are:

- The timeline comes with four view types.
- In addition to text, you can include images, videos and audio in a timeline turning them into an interactive gallery.
- Built-in search and filtering.
- BC (before christ dates) and extensive date formatting options are supported.
- With the premium accounts, you can also embed timelines on a website or blog.
- Tiki-Toki Timeline Maker is the only online timeline creator app that allows you to display timelines in three dimensions.

On the counterpart, main limitations are:

- Without purchasing a paying option, only one timeline can be created by each user. To create another one you must delete the first one.
- 3D version and group editing also are only available in the paying option.



FUNCTION DESCRIPTION

CREATE NEW TIMELINE	
Roman Empire	Q
* Start date:	Intro image credit:
16 Jan 0026 BC 00:00:00	
* End date:	Background image (optional):
04 Sep 0426 00:00:00	https://concepto.de/wp-content/up
Introduction:	Background image credit:
The rise and fall of the roman Empire	
	Background colour:
	1A1A1A
The romans and the things they used to do	Highlight colour:
	A879BE
	Create new timeline

Creating a new timeline is simple. You only have to start it in the main screen once you log into your account. There you will have to fill in the main information about the timeline, such as the name, the start date of the timeline, the end date and a short description of it.

You can also choose a background image for your timeline and even choose the colors of the elements appearing in it.



Once you have your timeline created, you will have to start adding events to it. For that you will need create a new story in the admin menu, on the upper right part of the screen. In the menu you will have to choose which time line you want to work with and then choose the option "+ CREATE A NEW STORY".

Each story is an event that will appear in your timeline, so you will have to start as many stories as events you want to show in your timeline. And in each story you will need to add information and a description.

The first video is an introduction to Tiki Toki that will help you sign up, create your first time line, add a stor, add images, add videos and to share them with your students.

The second video will add some information, guiding you also through more advanced features, such as changing the views of the timelines.

In the third video you will find some practical examples and you will get the information to replicate the examples you watch in the video, adapted to your needs.

VIDEO 1: https://www.youtube.com/watch?v=4e97aGI4zOA

VIDEO 2: <u>https://www.youtube.com/watch?v=1UgiEhJ1xBE</u>

VIDEO 3: https://www.youtube.com/watch?v=equPe9Jd11c

Sources: <u>https://www.tiki-toki.com</u> / <u>https://www.youtube.com/user/bnnttr</u>

TIKI - TOKI

TIPS AND TRICKS

- Organize the timeline correctly, showing all the information hierarchically and in the correct order, and without saturating the available espace with too much information.
- Include only the most important information in each story of the timeline.
- Use images, videos and audios to make the timeline more interactive and the experience of navigating in it more interesting.
- Add titles and descriptions including key words in the stories, to make the search easier and more efficient.
- Select who is able to see the timelines you create. Send the link to the timeline to the people you want to access it.
- Use the zoom in/ zoom out and timespan changing options to improve the viewing experience of the timeline.



LEARNING OBJECTIVES & BENEFITS OF USING

- Timelines can be used to teach history more visually to students, so that they can make a better recognition of the historical events.
- Timeline creation by students using all kind of media is a creative work and will engage students in the history lesson they are working on.
- Timelines can also be used to project planification by the students. Making plannifications of projects is a very good way to improve organization skills in students.
- Design thinking and collaboration skills will also be developed when they are creating a timeline for event description or planification.



DIGITOOLKIT











