

Education 4.0 UMK



Humanizing Technology in Teaching and learning

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EDITORIAL

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Preface

The purpose of Educator 4.0 UMK Quick Reference is to assist our lecturers in strengthening their skills and competencies in utilising Web 2.0 teaching tools for the purpose of teaching and learning delivery. Contributions of this quick reference as to facilitate the lecturers to be more participative and engaging in conducting their non face to face interaction via online or virtual classrooms. Hence the effort towards building the digital campus which able to drive the UMK community to another level will accommodate their demands and needs that are relevant to their ICT skills. As they are the ICT natives, lecturers need to be train and from this training it multiplied to the faculties and this will create a new normal in our eLearning ecosystem.

UMK management always put forward students' priorities especially in teaching and learning. Hence, the UMK Educator 4.0 team has been trained. One of the way to encourage student engagement and participation is to embrace digital skills. The chapters are well sequence in order to give free flow of understanding and conducting non face to face interaction through using web 2.0 tools. Hence, UMK planned to prepare our graduates to navigate their digital skills in an active, fun and engaging mood and enjoyable environment whilst learning to take place. Thus, with this quick reference that are very engaging will ensure to a better learning environment that propel students abilities and competencies in adopting and adapting the 21st centuries skills and facing the 4th IR ecosystem.

The concept of this book are well articulate which tabling from the introduction tools to the activities and an alternatives assessment tools. Finally, special thanks to the Vice Chancellor, Prof Ts Dr Noor Azizi Ismail, Deputy Vice Chancellor (Academic and Internationalization) and all the Educators 4.0 UMK who had given time in ensuring this quick reference will support UMK lecturers in improving the newest and latest web 2.0 teaching tools for their Teaching and Learning. To all who had contributed in one or other special thank you to everyone of you.

NOTIFICATIONS:

xiv.

All the manuals have been used in the trial version (free version). For more features/functions please subscribe the premium version :

i. www.padlet.com | PADLET | ii. www.canva.com | CANVA | iii. www.popplet.com | POPPLET | https://www.tes.com | BLENDSPACE | i۷. https://coggle.it | COGGLE | ٧. https://nearpod.com | NEARPOD | νi. https://www.hpreveal.com | HP REVEAL | vii. viii. https://www.layar.com | LAYAR : AUGMENTED REALITY | ix. https://www.quizizz.com | QUIZIZZ | https://www.quizlet.com | QUIZLET | Χ. https://www.socrative.com | SOCRATIVE | χi. https://www.pathbrite.com | PATHBRITE | xii. https://sites.google.com | GOOGLE SITES | xiii.

https://www.wix.com | WIX |

Humanising Technology in Teaching and Learning:

From Pedagogy to Heutagogy

Suria Baba. Nor Hanim Mustafa

1.0 An Introduction

Nowadays, technology is being used in many daily situations including education system. Technology in education is a debatable topic amongst the society. Everyone has their own views on modernisationing education and making it technology aided including the way to humanise technology in the context of teaching and learning. The term humanising technology means to treat such a technology as if it were a human being, and not as if it were a thing or an object that has no feelings or thoughts. In other words, to humanise in this context implies to accord human attributes to technology used in teaching and learning whether or not they deserve them (Nwafor and Nwogu, 2014).

When it comes to online education, most discussions revolve around active participation, interaction, motivation, and student engagement in virtual teaching and learning activities. Teachers share methods of adapting instructional strategies and techniques in their course design and development to involve students in meaningful online learning experiences. However, this conversation tends to overlook a core phenomenon that underscores the success of such strategies and techniques which is the delivery of the "human" element to digital instruction. 'Personalization' principle, where online teachers use a conversational and polite tone and implement a friendly voice into the course materials lead to better learning gains. By this technique, students have meaningful experiences in their learning. In addition, including spoken and printed text in online courses, where teachers use a conversational tone, greatly helps students to "prime appropriate information processing" (Clark and Mayer, 2011).

Moreover, by using multimedia videos and web 2.0 tools in which teachers adopt a friendly and polite tone to lecture and provide appropriate personal examples for learners goes a long way towards meeting the goal of humanising technology in teaching and learning. Smartly designed intelligent devices can also lead to more meaningful experience for the students. Although students take online courses primarily to learn, the information doesn't have to be presented in a formal, passive, and impersonal manner. Students respond to the friendly tone of the teacher positively because they see a conversation partner (in this case, the teacher) to whom they are more enthusiastic to respond. This technique, in turn, inspires them to engage with the content in a way that formal text or multimedia-based techniques do not typically achieve (Czerkawski and Schmidt, 2017). Anderson et al. (2001) described teacher presence as development and supervision of cognitive and social processes, directed towards learning outcomes which is meaningful to the student on both personal and educational levels. The presence of teacher in teaching and learning is considered as the main binding element that cultivates a learning community among the students and teacher. This is a learning community where students feel connected to their peers and also to their teacher.

Technology has also taken us from books to google as a source of information. However, anyone who has done research in the real world knows that research comes as much from other humans as it is from secondary sources. Nevertheless, we persist in ignoring this more authentic source of research for the reference books and googling. Technology can humanise research and education by linking students to real life experts who can assist students to use their research with greater purpose, and be a more realistic representation of research in the 21st century (Nwafor and Nwogu, 2014). At the same time, students can develop valuable research skills at a young age. Technology gives students immediate access to an abundance of quality information which leads to learning at much quicker rates than before.

In the traditional classroom, teacher-led instruction is applied when teachers choose the time of the learning process to occur and around what topics it will cover. Teachers are the ones who decide when the class moves on to the next topic. This dehumanising experience can be humanised through the use of video. The effect of technology on education depends on the design of its instruction. The design of the instruction accounts for more variance in how and why people learn than the technology used to deliver the instruction (Czerkawski and Schmidt, 2017). Educators and educational researchers should be encouraged to focus on determining how to better integrate the use of a given technology into teaching and learning process, rather than asking if it works or if one is more effective than another. By allowing students to experience the instruction that they require for their own specific learning needs; by allowing students to pause and rewind instruction when they don't understand; and by allowing them to move forward to a new concept in their own time depending their individual progress allows us to humanise instruction in a way not possible without technology.

traditional classroom, way show Moreover. in а the their understanding is similarly one-size-fits-all. The worksheet, test, exam, essay, poster and other traditional methods of assessment restrict student choice and may alienate students who are without certain skills; for example, a lack of literacy skills may hinder a student showing their excellent understanding of Mathematics. Technology allows students to show their understanding in new ways, gives them far more choices, and removes the dehumanising necessity for one-size-fits-all assessment (Nwafor and Nwogu, 2014). Hence, it can improve student learning outcomes and achievement, as such tools are integrated thoughtfully into teaching and learning. When digital capabilities like, online environments are incorporated meaningfully into instruction, students have new opportunities to learn and achieve.

Recently, technology in educational prospect has merely focused on building teaching and learning platforms and on providing support for employing and integrating learning systems (Chen, Ho, & Lin, 2015). Numerous studies have outlined that educational technology that is appropriately applied can enhance learning and achievement compared to traditional teaching methods. Nevertheless, without humanisation aspect, it is believed that the technology oriented education is unable to sustain for a prolonged period and thus, life-long learning concept might not be achievable. Eventually, this would severely affect the missions and visions to transform current technological education into humanised immersive Industrial Revolution (IR) 4.0 of education.

In the scientific literature, humanisation of technological education is considered from the psycho-pedagogical, philosophic and sociological point of view. A vast number of research workers are involved in the study of different problems of theory and practice of humanisation in technological education. The analysis of psycho-pedagogical and methodological literature shows that the concept of "humanisation of technological education" characterise different vectors in the reformation of higher educational institutions. "Humanisation of technological education" in a broader prospect implies the creation of human system and its integration into the technology oriented education in the society, which corresponds to the ideals of humanism including personal freedom, social justice and human dignity (Elkanova & Chedzhemova, 2013).

2.0 Human Elements in the Classroom

The classroom functions as an environment for educational activities comprises, among others, the teacher and the learner. The category of persons constitute the human elements in the classroom. No matter how magnificent the school building may be, even with the most ambitious curriculum, and the most sophisticated material equipment, it would remain meaningless if it is not given a human touch by a cream of well-educated and devoted teachers, and a crop of ambitious and knowledge – hungry students.

The risen attention of the internet of thing and the automation of knowledge intensely reshapes of the students psychological expectations in teaching and learning. Due to that, this new method of teaching made significant intention to the students around the world. The students probably need to find out the reasonable course in their mind through internets.

In line with the notion, Malaysia of Higher Education has provided the aspirations system for the student to become more ethical learner while learning via online. This is because the information that they get from the internet is needed to realign or recheck the information is true. Due to that, ICT base learning is one of the Malaysia Higher Education horizons to globalise the online learning to make sure the program to be a global target audience. There are two methods of program which both are offered in online; an Online Learning Course and Massive Open Online Courses (MOOCs). This digital learning course has become phenomenon to cater students who are eligible and wants to pursue their study without having to come to class. They even can have the class at any time they want. This digital scenario is expected to have the same impact to become cost oriented, removing the variability increasing the consumptions.

The increasing usage of the digital technology makes today's graduates unable to sell their ability in the workforce and compete with others and this is due to the today graduates who are totally relying source from the internet (Borneo Post, 2012). The organizations have the same opinion to the local graduates today, in which they have a problem to communicate and fail to interpret the situation with categorization of the clarity word meaning and they are unable to self-regulate with their own knowledge (Borneo Post, 2012). In other words, students today are repeating others' works on the internet, make judgment on what they have seen and they try to justify on his belief at the particular situations. As a result, there is still a need to improve the students and the lecturers by using the online course learning.

The emergence of public and private institutions tells that the education is for all, and no one has segregated into this for the better future. With government support, the institutions has become prevalence to the school leavers to pursue their study in higher institutions and emphasise the better nation with better educations. Despite of the mushrooming the institutions for the better nations, there is more importantly to the students. They need to improve their communication, improve their comprehension in language and generalize current situation by reading materials including journals.

The second phase to humanise technology into the education requires the academic staff to be able to gain as much as they can into immersive training in the area that they expertise. The great synergy between the industry and the academic staff will lead to a better higher education system in the long run. Due to that the minister has framed the ten shifts to meet the 4IR revolutions. The shifts is interrelated with the cognitively and creativity among the academic and the industry needs. From our perspective, the education nowadays is challenging because we need to align ourselves, get connection and be collaborative across fields among the faculties. This will lead the academic staffs to have better critical thinking level.

The important element for humanising the technology is divided into two categories which are first, the ethic and morality and the second one is knowledge and skills. This two humanising element will balance all the virtual realities. The ethic and morality components are all about the faith, good behavioural and leadership skill. In the above mention, to address the future graduates, they will appraise about their effort, skill, and creativities. Moreover, the technologies now readily create new entrepreneurial skill such as onlinepreneur, they are totally in technological competitiveness that is searching the advancement and innovation which in turn to contribute to economic growth and socialize networking.

The new era graduates are eager as a lifelong learner since they will engrave themselves with multiple intelligent and dual competencies. This phenomenon occurs when the rising computer power, abilities to work with data, and there are more generate fact with data based decision. This computational thinker will help the graduates to apply their knowledge across the curriculum and connect with life event.

The humanising technology, is all about robotic, artificial intelligent, nanotechnologies, and genetic biotechnologies. The widespread will soon happen these days. The graduates need to be enormous and able to predict with the skill set to become competitive in this new era of technologies.

The two human elements are briefly discussed below one after the other.

3.0 The Educator

In any teaching and learning process, the educator occupies a central position, and he stands between the learner and the subjects to be learnt or taught. As such, he plays multifaceted role associated with his profession or calling. It could be stated without equivocation that "some teachers are called, while others are made." The difference between the two classes of teachers manifests itself in the classroom vis-à-vis their human relations and attitude to students. However, a foray into the qualities, role and attitudes of the teacher can give us a clearer picture of his personality. The educator plays a prominent role in humanising the classroom and even beyond the school environment. He is an important factor in the educative process, given his personal professional training, and the place he also occupies in the community (Bhatia, 2000). The following are some qualities of a good teacher, whose intentions are geared towards humanising the classroom. He must possess a general academic background in addition to the knowledge of his area of specialization. A good teacher must necessarily have a reasonable dose of professional efficiency, i.e., he must have acquired some level of pre-service training that would enable him to know the ins and out of his job. Teacher's enthusiasm, professional insight and competence, and dedication are his invaluable assets. Personality traits of a good teacher impact deeply on his students. The traits include love for the students, high moral character and sound principles, emotional stability, articulate both in speech and writing. He must be a humorous, cheerful and sociable person, who has a strong leadership quality, among others. A good teacher therefore is one who adopts friendliness approach in place of strict obedience to classroom rules and regulations. A respectable teacher is one who has the interest of his students at heart and knows most of them by name. Okorie (1986) observed that a good teacher provides his students situations to think while the lesson is going on. This type of teacher, Onoguere (2000) maintained, is accessible and thorough, fair and straightforward in dealing with students.

In brief, humanisation includes knowledge that embrace all the sciences pertaining human beings as well as literature, art and education based on humanism, and maintain the ethics of humanism expressed in the values of the mankind. It has been proven that humanisation in technological education can only be executed under condition of humanisation of the entire educational process in higher education with reorientation of this process to the priority of human values, norms of morals, other criteria of estimation of the results of human activity in the past and at present. Researchers have suggested that humanisation of technological education conveys the meaning of creation of such a technology oriented educational social system which corresponds to the humanistic values and ideals (Graman, 1988; Ignatovitch, 2016). Cultivation of media literacy in technological education is one of highly potential approaches to humanise the technology oriented education in teaching and learning activities. This aspect will be further explained below.

Technology is currently regarded as an enabler and has been adapted as a way of life. Indirectly, the technology has also changed our education environment. The presence of technology in education environment especially in teaching and

learning has given a new approach for students to gain knowledge. Technology offers tremendous promise for student learning and has ignited the imagination of those who are interested in bringing about revolutionary gains in the achievement of all students (Sorensen & Gray, 2018). Yet, the use of technology in education also raises a whole host of challenges, including those related to cost-effectiveness, teacher professional development, assessment, equity, and safety.

Most of the students nowadays are attached to technology. They live in technology era. Therefore, it is crucial to humanise technology in the context of teaching and learning in order to help students to gain knowledge easier and faster. The objective of teaching and learning is always the same that is to gain new knowledge and to be better human being even in this technology era. Therefore, teachers should change their approach on teaching methods by using technology.

4.0 The Concept of Humanising

The term "humanising" is derived from both the adjective "humane" and the noun "human". The derivation from the noun "human", simply implies belonging to or concerning human beings - people (man, woman, child) especially as opposed to animals and inanimate objects. On the other hand, the adjective "humane" implies treating people or animals in a way that is not cruel and inflicts like pains and suffering on them. To humanise a situation means to treat such a situation as if it were a human being, and not as if it were a thing or an object that has no feelings or thoughts. In other words, to humanise in this context implies to accord human attributes to all things whether or not they deserve them. In other words, this evokes the feeling of humaneness, i.e., a feeling tinged with compassion, sympathy, empathy and consideration for others. Humanisation in the classroom context, therefore, is a process of giving human attributes and values such as honour, respect, love, dignity, friendship, etc., to other people: their social status, age, and level of education notwithstanding. This approach is anchored on the theory of humanism, which is a system of beliefs concerned with the needs of people, and the restoration of the universally acceptable human values. In fact, the concept of humanisation seems to be in tandem with the existentialist philosophy, the fundamental drive or urge is to exist and to be recognised as an individual (Titus, et al, 1979).

In recognition of this, the existentialists argue that teachers should concern themselves with the unique personality of each individual student, and that they should strive to relate to their students in what Buber in (Nwafor, 2010) refers to as an "I-thou" instead of "I-it" relationship. In other words, students in the classroom (and even outside of it) should be regarded and treated as humans and not as objects. Thus, in the classroom, teaching and learning can effectively take place if the entire atmosphere is aptly humanised by the teacher. In essence, to humanise the classroom therefore implies to impart desirable human qualities, values, attitudes and interests to the learners with a view to making them, acquire worthwhile affective qualities of human beings. This can only result from a healthy interaction between the teacher and his/her students, which in turn would engender effective learning.

Teaching process is only meaningful and desirable when there is a warm and cordial interaction and relationship between the teacher and his/her students (Emeh and Enukoha, 1994); a relationship that recognises and respects the personality of both the teacher and the learners. The teacher in this case is instrumental to how students react in the classroom: how they react to the subject matter, and how they perceive the teacher and his teaching methods (Omoguere, 2000). In short, all interactions in the classroom should have the stamp of humanism and pragmatism.

5.0 Cultivation of Media Literacy in Technological Education

In the future IR 4.0 educational era, educators would have to cultivate multiple literacies for contemporary technological and multicultural societies. In a period of dramatic technological and social change, education needs to help produce a variety of types of literacies to make schooling more relevant to the demands of the contemporary era. Literacy involves gaining the skills and knowledge to read and interpret the text of the world and to successfully navigate and negotiate its challenges, conflicts, and crises. Literacy is thus a necessary condition to equip people to participate in the local, national, and global economy, culture, as well as in technology oriented education. In technological education prospect, literacy is socially constructed in educational and cultural practices involving various institutional discourses and pedagogies (Kellner, 2004). Various form of literacies is available including media literacy, computer literacy and multimedia literacy. Media literacy is believed as the most important literacy tool to humanise educators and students in the technological education.

6.0 Challenges of Humanisation in Technological Education

Humanisation of technology in teaching and learning is indeed a significant stepping stone to prepare academician and students towards IR 4.0 of educational era. However, it should also be noted that humanisation goals of the technological education in higher education has certain difficulties and challenges. The potential difficulties and challenges of the humanistic oriented education processes in higher education institutions are deep rooted in history and society. In the first place, authoritarian system of education and training prevailed for a long-time and secondly, there is a decline of prestige of the teaching profession. Subjective reasons for insufficient implementation of humanisation goals are caused by insufficient attention paid by the authorities of many institutions of higher education to popularization of humanization goals and to monitoring of putting into practice (Blaschke, 2018).

Humanisation of technology in teaching and learning is indeed a significant stepping stone to prepare academician and students towards IR 4.0 of educational era. However, it should also be noted that humanisation goals of the technological education in higher education has certain difficulties and challenges. The potential difficulties and challenges of the humanistic oriented education processes in higher education institutions are deep rooted in history and society. In the first place, authoritarian system of education and training prevailed for a long-time and secondly, there is a decline of prestige of the teaching profession. Subjective reasons for insufficient implementation of humanisation goals are caused by insufficient attention paid by the authorities of many institutions of higher education to popularization of humanization goals and to monitoring of putting into practice (Blaschke, 2018).

The teaching strategies based on educational technology can be described as ethical practices that facilitate the students' learning and boost their capacity, productivity, and performance (Norman, 2016). Technology integration in education inspires positive changes in teaching and learning. There are a lot of benefits of using technology in teaching and learning.

Norman (2016) has listed seven benefits and advantages of using technology to facilitate teaching and learning. The first one is technology can make teaching and learning easier. Teacher will have the opportunity to make audio-visual presentation in teaching to make it more interesting and interactive. Besides, technology can also help the teachers to track students' progress easier by using online tools such as MyStudentProgress. Without 'chalk and talk' or 'pencil and paper', the teaching and learning will be more interesting and may attract students in this new z generation to enjoy learning and gain more knowledge.

Internet is one of the most used technologies today. Without the wonders of the internet, people wouldn't be able to get access to any type of information at the very moment they think of it. Today, distance learning is one of the most trending learning methods. Technology has helped the virtual lessons to be preferable choices in teaching and learning which slowly taking the place of traditional lectures. Students can easily organize their own time to learn and they can also easily gain the knowledge they are interested in by their choices.

The importance of technology integration is that students learning experience will be enhanced and enriched. It will allow students with hands-on approach with their education and may serve as motivation for students. It serves as a problem solving tool which will help students to become critical thinkers. It also prepares the students with necessary skills needed for the business world. "Technology integration is using software supported computers flexibility, purposefully and creatively" (Dockastader) therefore this integration is very important as it helps to prepare students for the more advance world. Figure 3 below showed the technology integration in teaching and learning.

TEACHING TECHNOLOGY **LEARNING** Bloom's Taxonomy Instructional Uses Standards Integration Evaluation Collaboration 21st Century (change in teaching) Media Projects Synthesis Work Skills **Analysis Simulations Enrichment**

Information

Productivity

Drill & Practice

(improvement)

Automation

(use technology)

Technology Integration

Technology in learning and teaching doesn't mean that all learning session is managed by robots. Technology can help teacher and student through their teaching and learning sessions. Technologies also help student in many ways, such as it helps to make science more interesting and attractive, because students can more readily see the relevance of what they are learning and it also develops higher order thinking and problem-solving skills. Technology in fundamental structural changes that can be integral to achieving significant improvements in productivity. Used to support both teaching and learning, technology infuses classrooms with digital learning tools, such as computers and handheld devices, expands course offerings, experiences, and learning material.

Application

Comprehension

Knowledge

SAT/ACT

Achievement

End of Course

NCLB - Student Standards

It also increases student engagement and motivation, and accelerates learning. Face-to-face teaching and learning as well as online learning and teaching have similar benefit from purposeful curriculum design. The similarity can be seen in learning purposes, guidelines, appropriate resources, activities and the creative way of interactions. Due to Northcote (2008), without such guidance, individual online learners can find themselves confused, misplaced and even frustrated in terms of their lack of place-ness.

Thus, technology also has the power to transform teaching by ushering in a new model of connected teaching .The way to humanise technology in context teaching and learning is by putting content on videos, the work of the classroom can be flipped. The students can watch the content at home and they can rewind when something is unclear, watching it again when they need to and the classroom time can be about practicing and applying the content. Rather than doing the work for homework, the work can be done in the classroom setting.

The student experience of the classroom becomes active, not passive, and the pedagogy employed by the teacher needs not to be one-size fits all. In the classroom, the quiet ones are sometimes the missed ones, the ones almost without self-esteem in class identity because the teacher doesn't make any time for them (Atkin, 2015). To avoid this situation happen, teacher can use technology instead of just teaching in class. Via virtual class, these quiet students can learn one to one with the teacher.

Besides, online collaboration tool can be used such as those in Google Apps, allows students and instructors to share documents online, edit them in real time and project them on a screen. This gives students a collaborative platform in which to brainstorm ideas and document their work using text and images. Ham & Davey(2005) create a step to humanise the technologies in teaching and learning. First step is through email project, both teacher and student can have experience at setting up an 'authentic' assessment activity for student and teachers based exclusively on the use of email, rather than difficult-to-timetable face-to-face contact with the school students.

6.1 Take home Message

IR 4.0 and technology are demands in higher education. The teaching strategies based on educational technology generally can assist the students' learning and improve their capacity, productivity, and performance. Below is the list of advantages on how to humanise technologies in TnL for higher education:

6.2 Supporting lifelong learning

MOOCs can change the teaching way in higher education and encourage the lifelong learning (Kizilcec, Piech, & Schneider, 2013) especially to support the continuous professional development of Malaysian civil servants in collaboration with other training industry. In this way, the MOOCs initiative can become the medium for the enculturation of lifelong learning.

6.3 Strengthening content development and delivery

Trough technology and innovate can strengthen the content of teaching and learning especially when conducting blended learning. To support blended learning content, lecturer can use advance Web 2.0, graphics and IT. Besides, blended learning has the proven potential to enhance both the effectiveness and efficiency of meaningful learning experiences due consistent values of traditional higher education institutions and (Garrison & Kanuka, 2004).

6.4 Diversifying quality and recognize open education.

Currently public and private university offer high quality and innovative academic and professional programmes to attract international students. The programmes should be up-to-date and relevant to industry and able to offer insights into international best practices, and be accredited by international professional organizations.

7.0 Conclusion

Humanisation in technological educational is a world phenomenon in which common global processes are reflected. It is aimed at developing of holistic and systematic thinking to cater for rapid development of the technological education in IR 4.0 era. I am strongly believing that the technology oriented education should correlate and align with the development of the civilization in society at large. Therefore, we hope that by implementing the humanisation approach, the technological education system could sustain for a longer period, well aligned with the life-long learning and this will create a huge conclusive positive impact of IR 4.0 education in the near future.

Meeting the need of 21st century workforce, HE is able to plan well on the how and what of humanising technology can be very demanding and crucial especially in teaching and learning landscape. This results to the empowerment in the students' academic achievements to embrace technology harmoniously. Most importantly, humanising technology means choosing and applying in an innovate way and humanise the technology of its usefulness to the users. Thus, it helps both the students and teachers to embrace technology as to create and develop an environment towards an excellent and effective teaching and learning.

To cope with global changes, IR 4.0 will be structured in the academic programmes in the future especially to make lifelong learning as permanent part of professional life. In the future, universities will be targeted to be more flexible, practice-oriented, competency-based learning, and have new systems of accreditation. To respond to the needs of IR 4.0, universities must have close collaboration with industry and stakeholders to create opportunities and advantages between both parties including promoting graduate skills to employers in industry (Salleh & Omar, 2013). Activities that can be collaborated with industry are engagement mode, research, student training and facilities in universities. Technology has made it more effective and efficient in providing the direction for the educational transformation through network technology to deliver training and supervision. Collaborative learning can be improved in terms of formulating ideas, and higher levels of discussion and debate. Overall, collaborative learning can improve student participation in formative assessment.

In conclusion, IR 4.0 has lead the transformation of education and learning. To meet with IR 4.0, higher education delivery encompasses all components of the Ministry of Education functions, from formulating policies and regulations, to implementing programmes and overseeing higher education institutions. It is importance for the challenges and opportunities of an ever-changing world.

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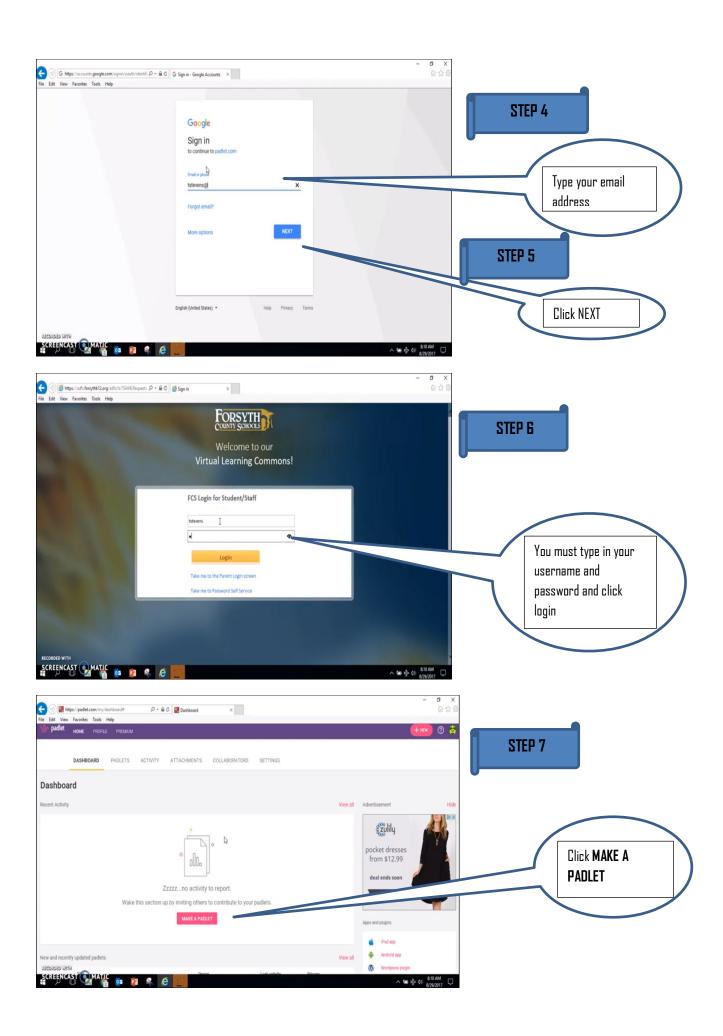
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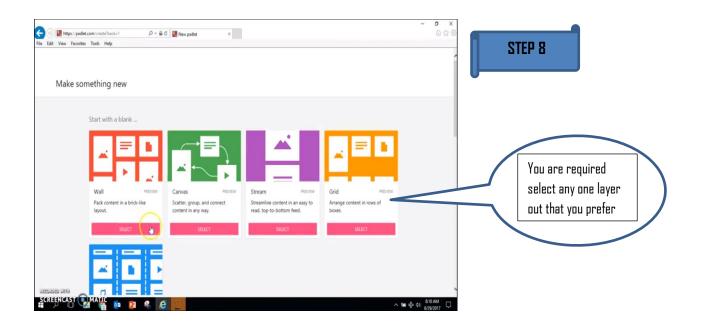
STEP BY STEP ON ESTABLISHING: padlet

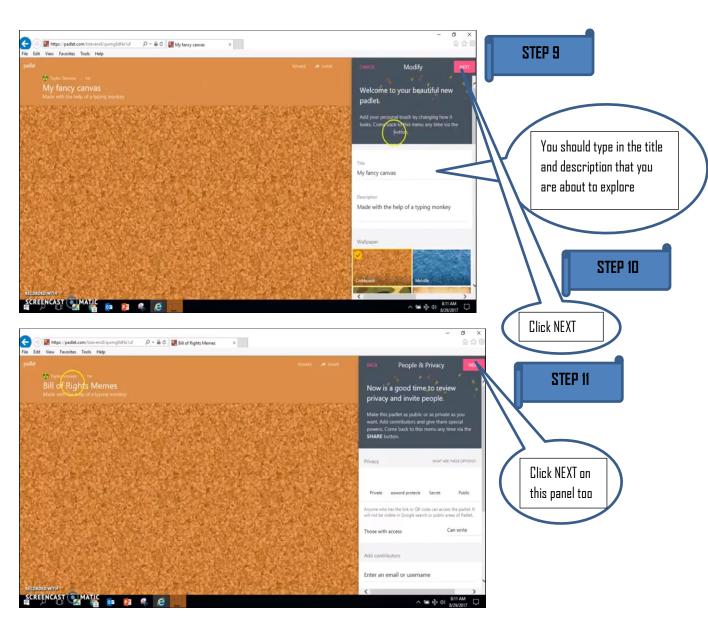
P. Yukthamarani Permarupan

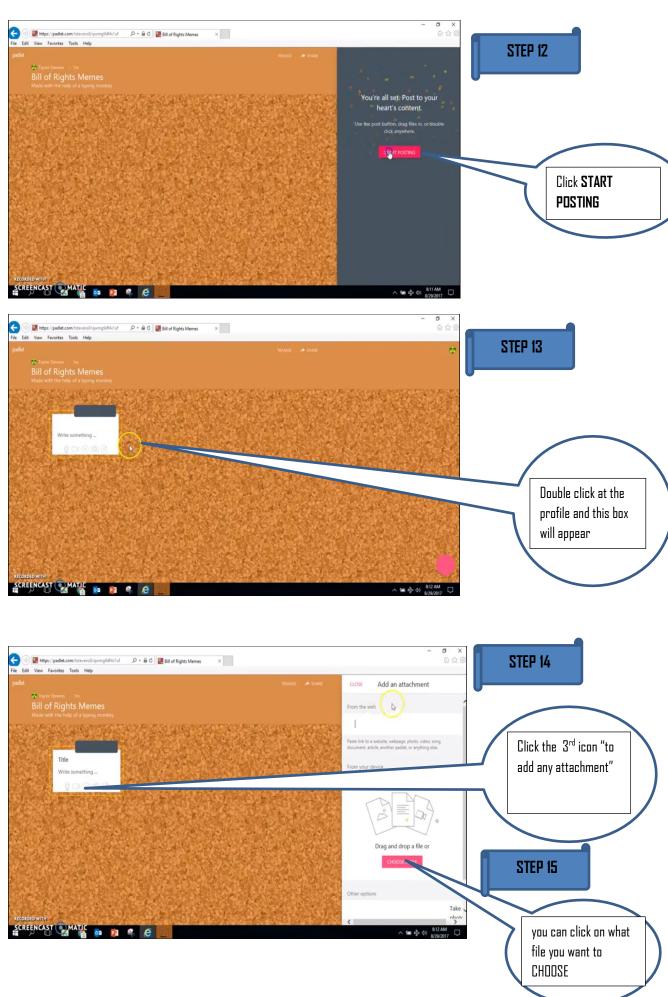
Padlet is an application to create an online bulletin board that you can use to display information for any topic. Easily create an account and build a new board. You can add images, links, videos, and more.

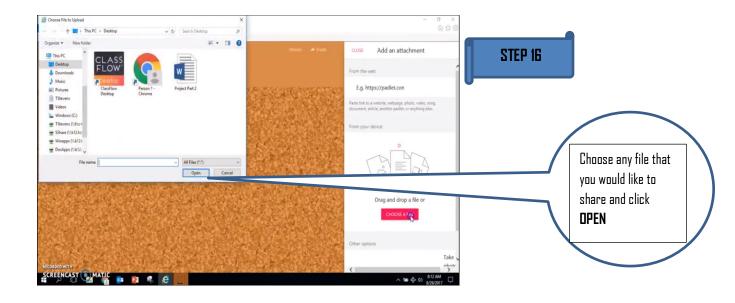


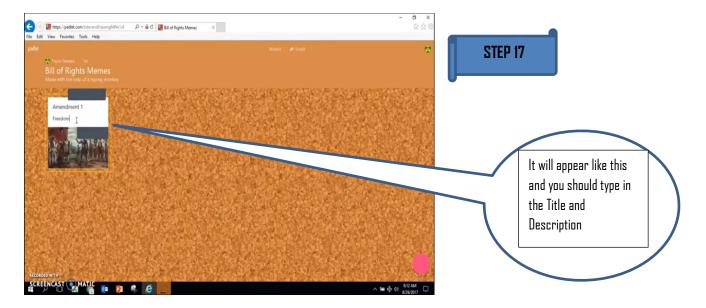












Done your padlet is NOW ready to be explored. Have a fun time

Benefits:

- 1. use it as a backchannel during class lessons
- 2. thanks to the calendar background, make this a portable, editable class calendar
- 3. brainstorm ideas for a project. Use a mindmap background or hand-draw one that students add to.
- 4. post ideas and quotes here to be shared with all stakeholders
- 5. curate topic-specific links for student use
- 6. make this a class bulletin board for announcements and activities
- 7. use a background that challenges students to organize activity into a timeline, category, or groups
- 8. share out the link and have students complete a class warm up or exit ticket to gauge knowledge or learning
- 9. upload an assignment directly to Padlet and have students participate online

- 10. create a topic-specific vocabulary wall where students post words they don't understand and other students post the definitions.
- 11. pose open-ended questions and elicit multiple responses that are shared with everyone (adapted from askteacher.com)

CONCLUSION:

It's FUN and an expressive tool to encourage creative learning. There are unlimited ways that **Padlet** can be utilized in your class sessions. Try it and also encourage your students to create their own **Padlet** for interactive discussion and teamwork are reckoned indirectly. It's easy to be establish and an exciting avenue to be communicative.

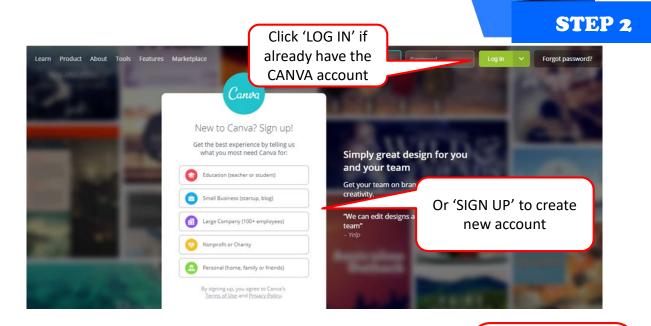
Canva

CANVA

Canva is an online tools that allows users to choose hundreds of professionally designed layouts for numerous projects such as designing logos, wallpapers, magazine covers, Instagram quotes and even resumes. Canva is loaded with easy-to-use features and functionality that anyone can create a variety of engaging content that can easily be shared.

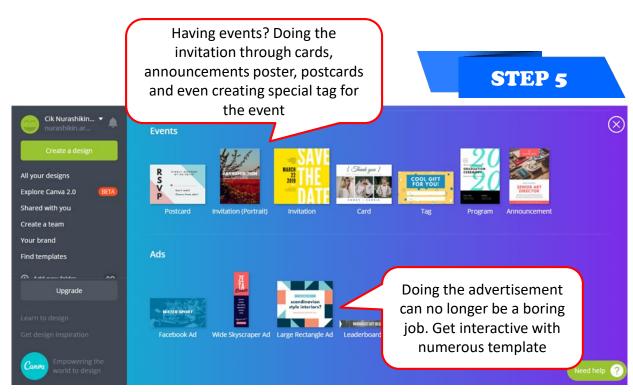


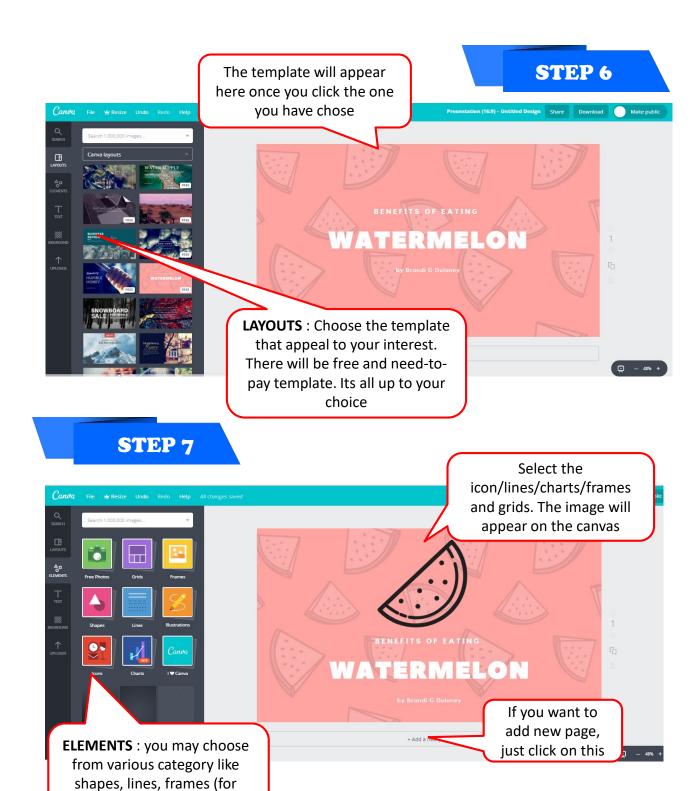
Go to https://www.canva.com





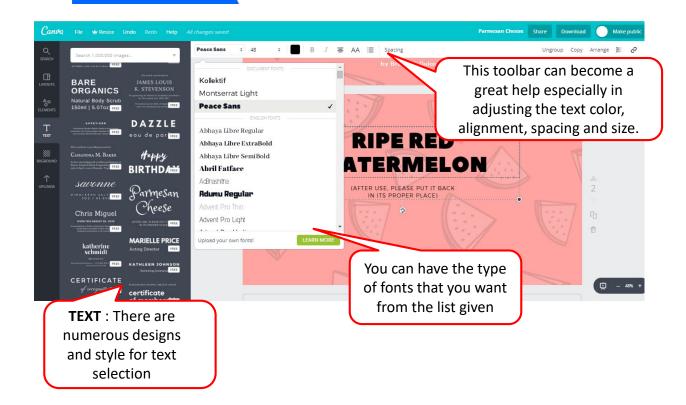




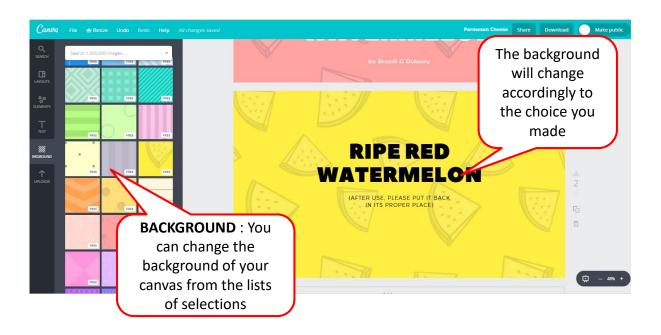


pictures), charts and icons

STEP 8

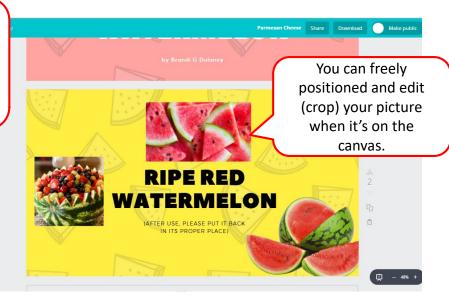


STEP 9

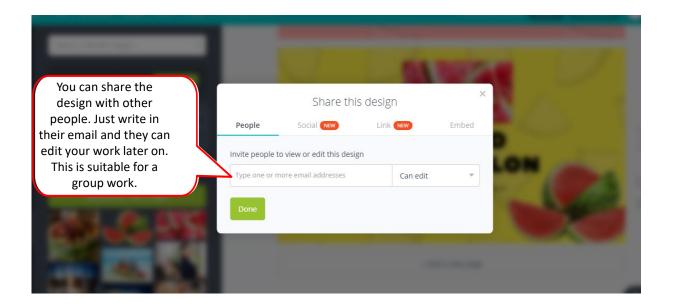


STEP 10

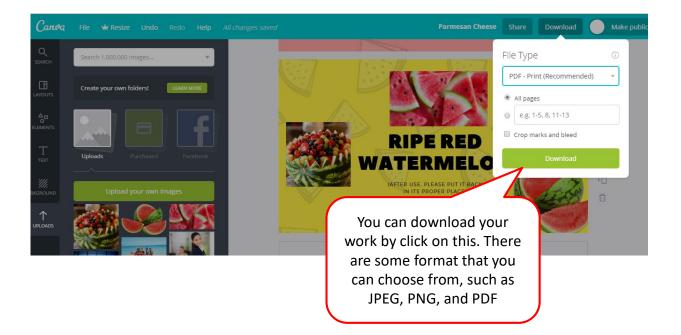
Upload any picture of your interest. It will appear here and you can just drag the picture right onto your canvas



STEP 11



STEP 12



CONCLUSION

Canva is an online tools that benefited the users to be more creative and innovative which will enlighten the learning session!

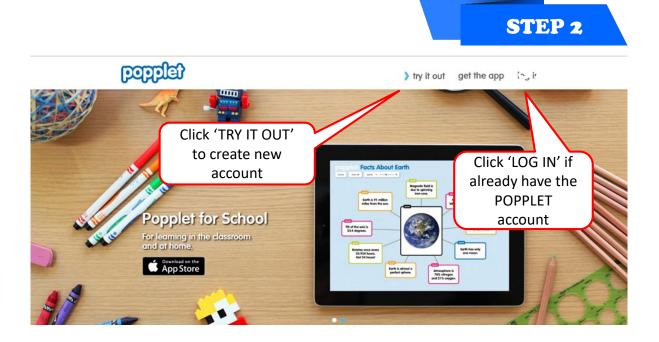


POPPLET

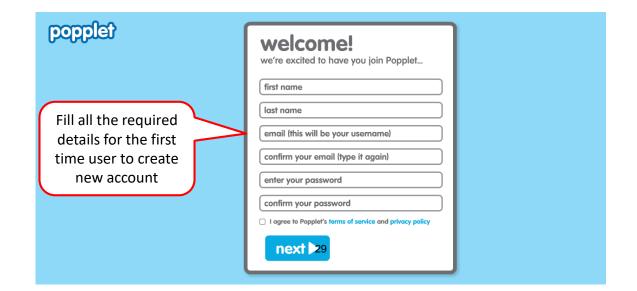
Popplet is a tool that allows users to visualize ideas. Teachers and students can create graphic organizers, timelines, and many other forms of visual organization. **Popplet's** strength as a collaborative brainstorming tool, however, should not lead teachers to overlook its usefulness as an effective presentation tool.

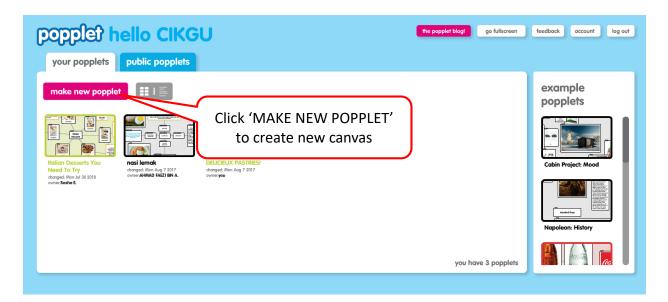
STEP 1

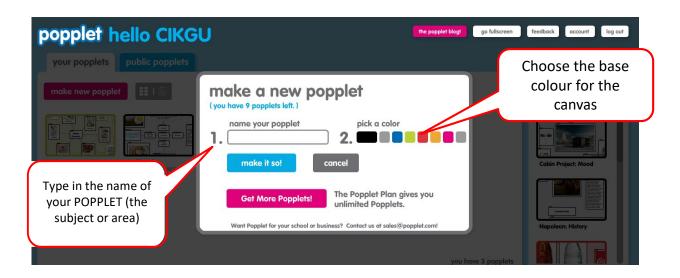
Go to http://popplet.com



STEP 3

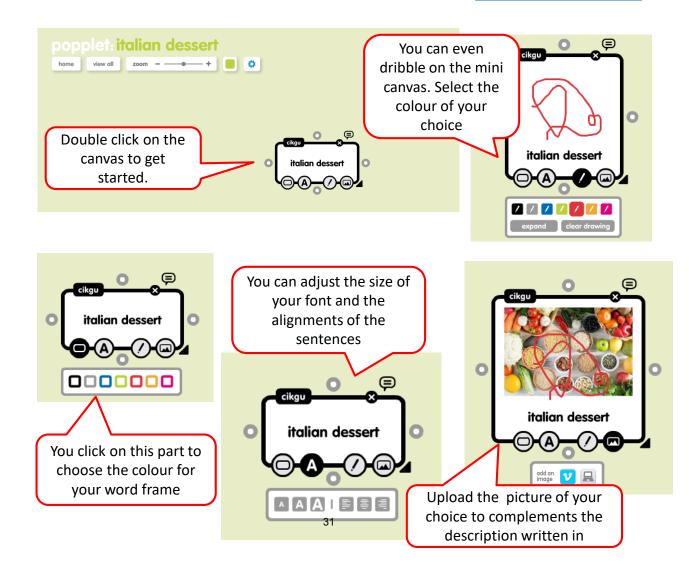




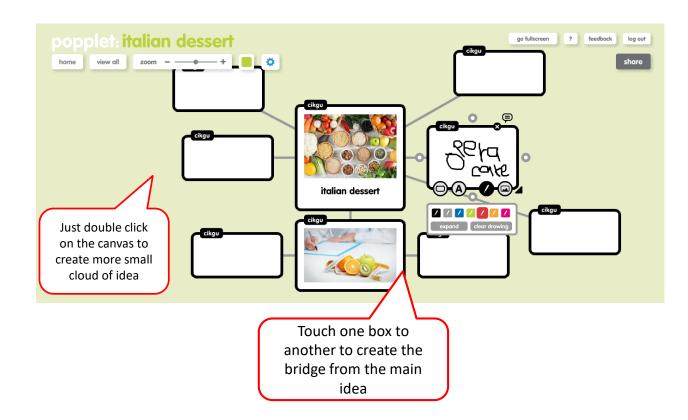


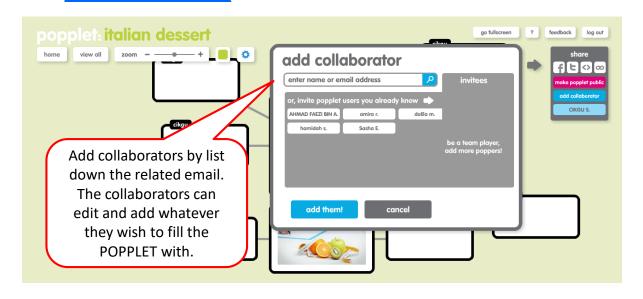




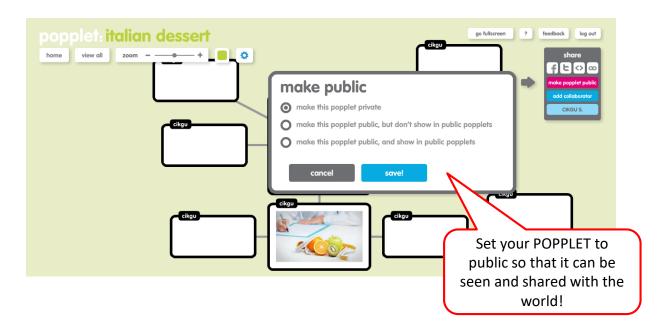












CONCLUSION

Having infographic to elaborate your idea will be so much fun and exciting! Popplet are much better being shared especially while having discussion together!



BLENDSPACE

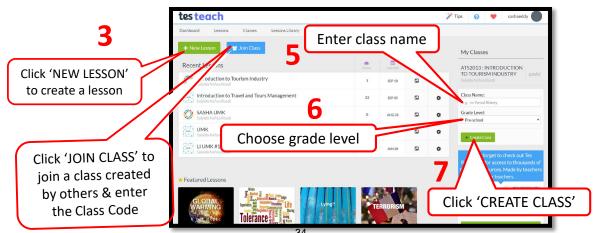
An online multimedia web tool for teachers and students to create presentations, WebQuests, projects, online courses and more! Flip the classroom, collect and share resources. Integrated with Edmodo and pull resources from YouTube, Dropbox, Google Drive, Flickr, Website Links, My Computer, Bookmarks and more! In other words, Blendspace is the easiest way to blend your classroom with digital content.

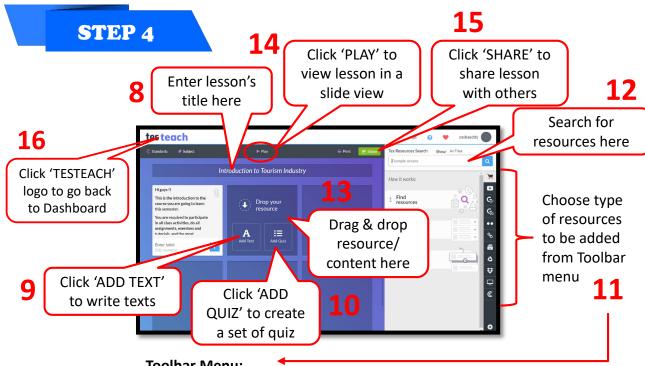


STEP 1

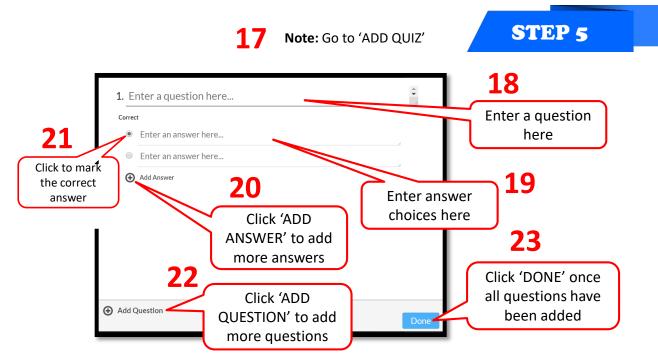
Go to https://www.tes.com/lessons



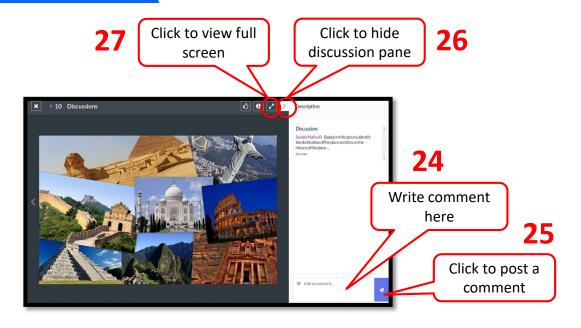




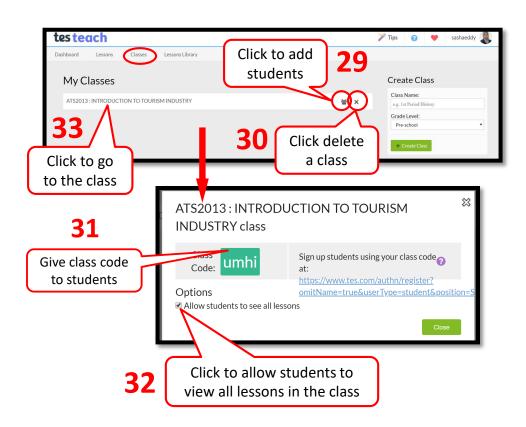
- Toolbar Menu:
- 1. Tes Resources Search
- 2. YouTube search
- 3. Google search
- 4. Google Image search
- 5. Flickr images search
- 6. Enter website link or iframe embed code
- 7. My Tes Resources
- 8. Google Drive files
- 9. Dropbox files
- 10. Uploaded files
- 11. Common Core Search

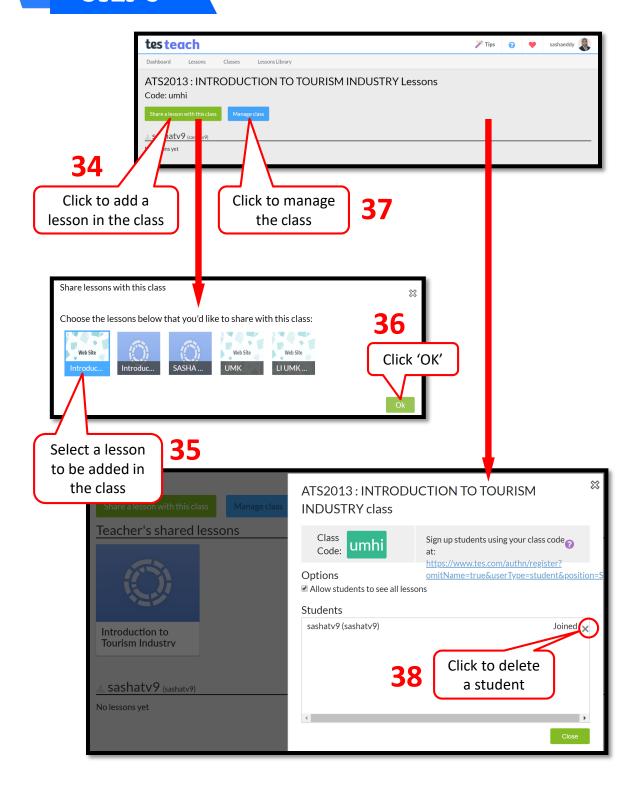


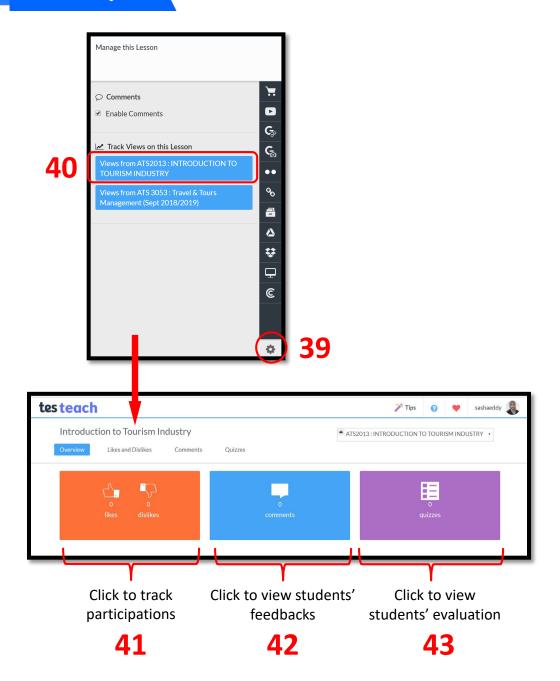
Note: Upload a picture and go to the tile for class discussions

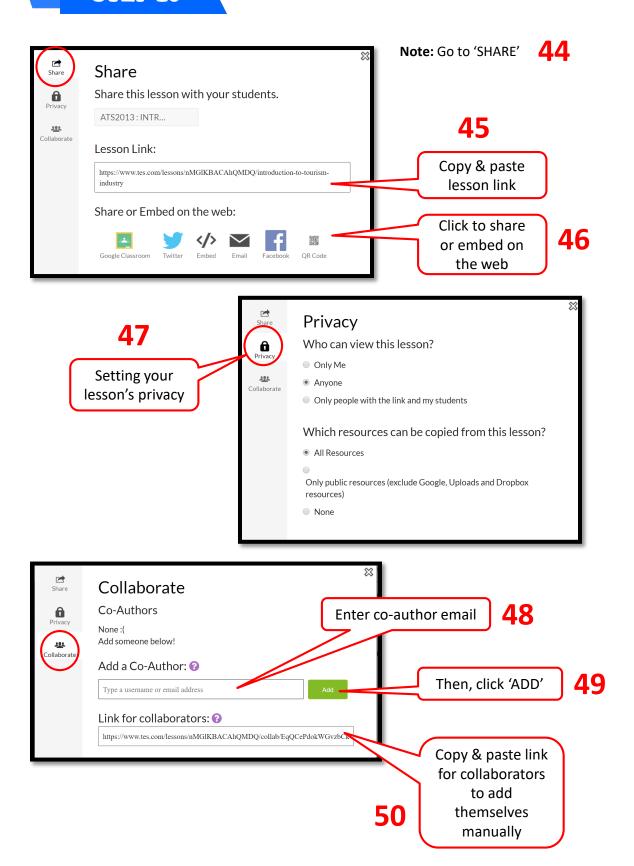


28 Note: Go to 'CLASSES'



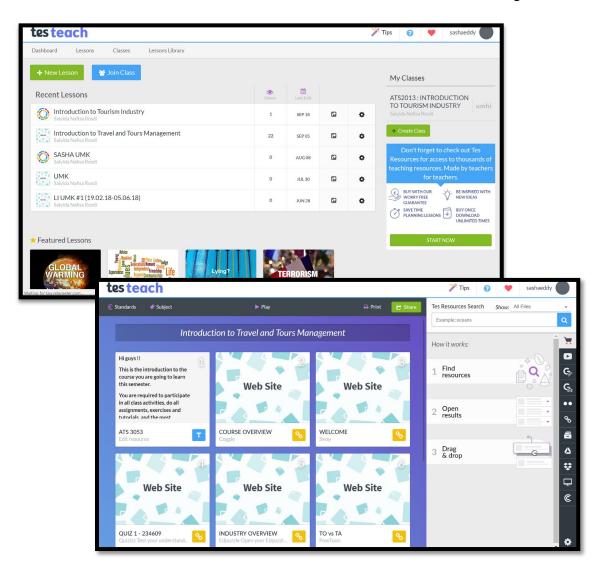


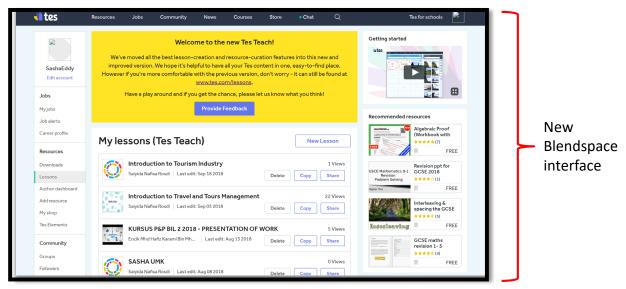






Go to https://www.tes.com/lessons/D7XsEH6zcVgTpQ/introduction-to-travel-and-tours-management





BENEFITS

- 1. **Digital Storytelling:** Wix can be used as a tool to for students to build a photography gallery to showcase the stories as well as the associated images.
- **2. Digital Portfolio:** Wix enables students to construct an e-Portfolio to showcase to future employers their professional work on specific subject area.
- 3. Reflection: Rather than writing a reflection paper, students can design a website. In this reflection website, students can put infographics, audio recordings, video clips and text together to describe and assess their learning experiences as well as sharing how to apply what they learned in this course to future profession. This activity is an alternative way for traditional reflection paper, which allows for multiple means of action and expression
- **4. Blogs & Discussion Forum:** Teachers can have students build a series of blogs and interactive with learning contents. With Wix, students can enable the discussion functions within the blogs, to engage their classmates in conversations. In this way, it allows students multiple means of engagement.
- **5. Educational Tools & Resource:** Students can use wix to design a website/ online course to deliver knowledge contents or address a skill gap. These website products can be used as educational tools and resources.



Coggle is a freeware mind-mapping web application. Like other mind-mapping software, Coggle produces hierarchically structured documents, like a branching tree. This contrasts with conventional collaborative editors, like Google Docs, which provide either linear (text document), or tabular (spreadsheet) document formats. Its authors promise that it will be 'free'forever'

FUNCTIONS

- Collaborative brainstorming (for students or teacher)
 - Visualize information mind mapping
 - Organize planning
 - Make overview for the topic or lesson

BASIC USER MANUAL

STEP 1

Go to https://coggle.it



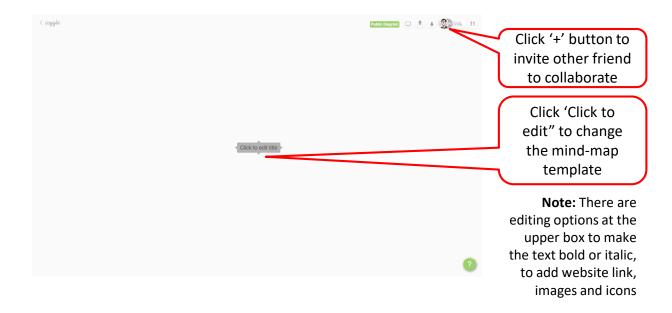
Note: Coggle require a Google Account to sign in it. If you do not have a Google account, you can click a 'Create a new account'.

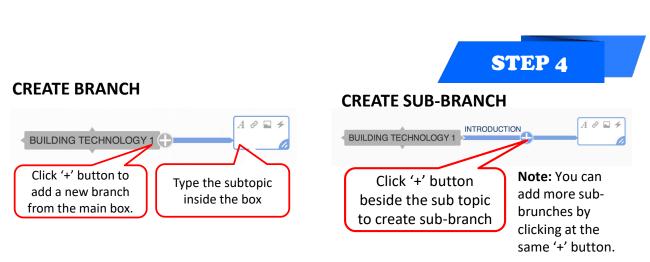
You can also sign up using 'FACEBOOK' or 'GOOGLE'

Sign in with Microsoft

CREATE DIAGRAM

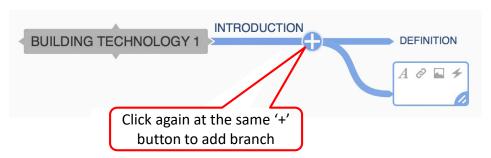




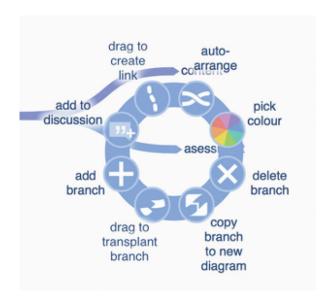


Note: The title of the branches can be repositioned by clicking and dragging the topic/subtopic/content.

ADDING MORE BRANCH



STEP 6 **EDITING BRANCH CONTENT** Text formatting -Add link to Add a picture to make the text a website from computer Search for icons bold, italic or to by clicking or laptop and symbols align automatically this icon internal disk [introduction] Click, hold and drag here to Click at type the text here adjust the shape and size of the box



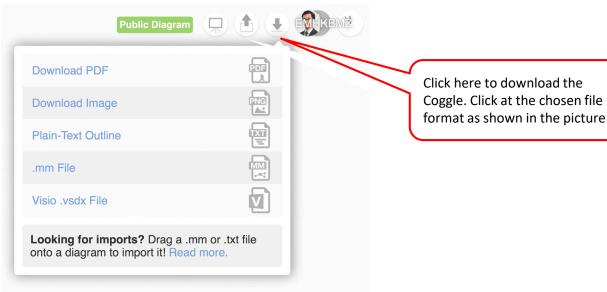
Click and hold for a while at (+) button and options for editing such as pick colour, delete branch, copy branch to new diagram (create link with other diagram), drag to transplant branch, add branch, add to discussion, drag to create link and auto arrange (available for Awesome Plan)

SHARING THE COGGLE



EDITING BRANCH CONTENT

STEP 8



format as shown in the picture

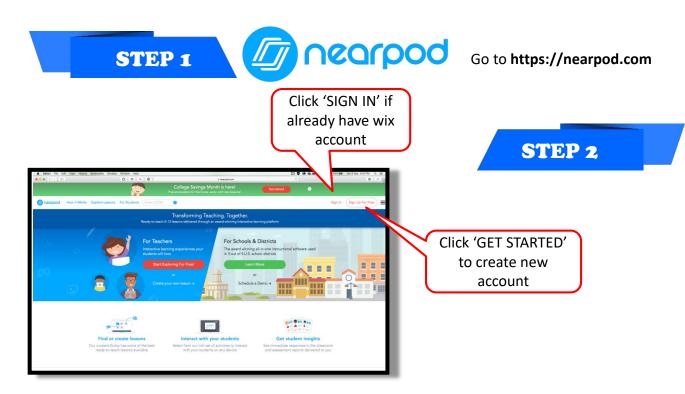


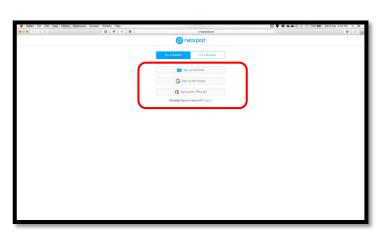
nearpod

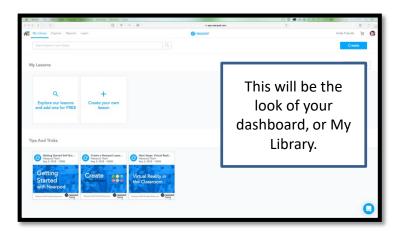
Mohd, M.M

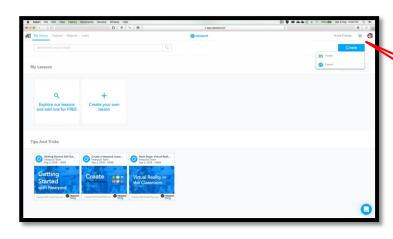
Engage your students with interactive activities, connect them through collaborative discussions, and gain instant insight into student learning through formative assessments on Nearpod.

Also available for: iOS and Android









STEP 5

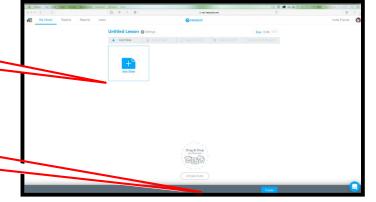
By clicking "Create", you'll have the option to create folder or Lesson.

You also may click here to create a lesson

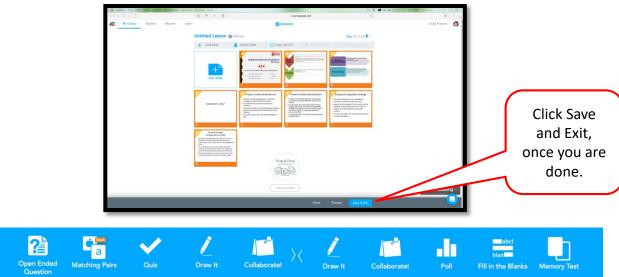


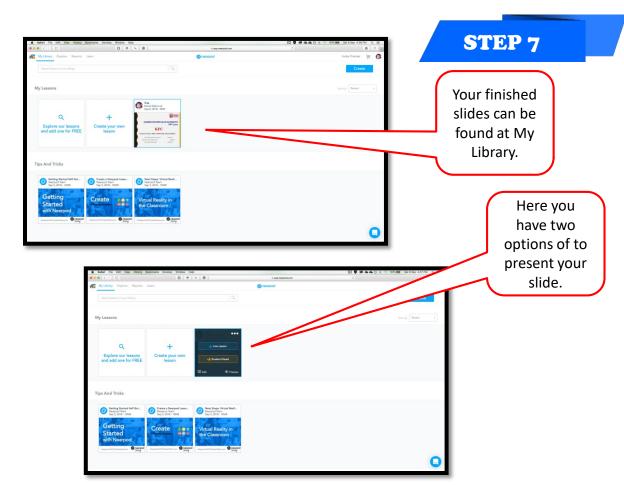
Click 'VIEW' to play with the template

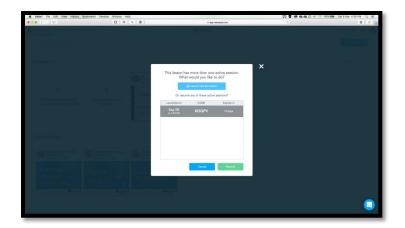
Drag & Drop shortcut available for PNG, PPT and PDF files



- 1. Once you upload your PPT file, it will be arranged as pictured.
- 2. Click "Add Slide" should you wish to add more contents or activities.
- 3. Below you can see options of activities you can choose from.







If you decided to go Live Lesson, the system will generate a class code, to be shared with your students.

Once the code is generated, it will be valid for 14 days.



STEP 9

Same thing should you prefer the students to do independent learning, a unique code will be generated.

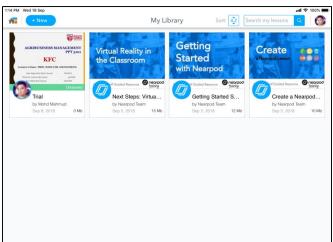
The code will valid for 29 days.

On the gadget

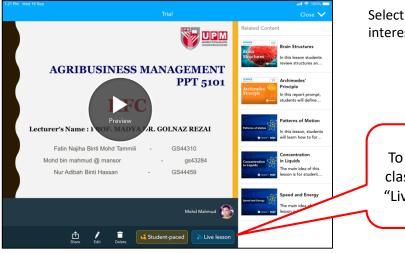
On iOS or Android, please download the app. Nearpod.



The default lay out of the app would look like this.

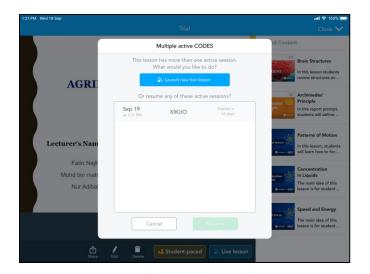


Tapping on the "My Library" button will bring you to every lessons you have created earlier.



Select any lesson of interest.

To start the class, tap on "Live lesson"

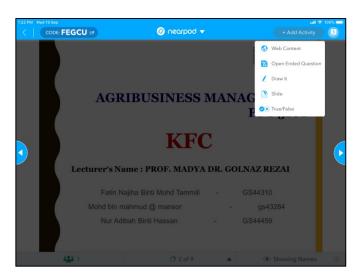


The system will pop a window to display a unique code for the lesson.

This code must be shared with the students so they can join the lesson.



Your live lesson will look similar like this.



During live lesson, you still have the ability to launch a number of interactive contents on the spot.

Conclusion: Mobile learning offers variety of Web 2.0 tools and Nearpod is easy and attractive. Collaborative work gains through Nearpod lead an effective learning.



HP REVEAL

HP Reveal makes it easy for anyone to create and use AR, from educators teaching the next generation to the world's leading brands. HP Reveal would be able to turn everyday objects, images, and places into new opportunities for engagement through striking augmented reality experiences..

Intuitive & Easy To Use Interface

Upload assets and assemble Auras in our easy to use interface - so fast and easy, it can be done in under 60s.

Personalized AR

Reach audience segments using targeting tools like platform, region, time of day, and more.

Real-Time Campaign Insights

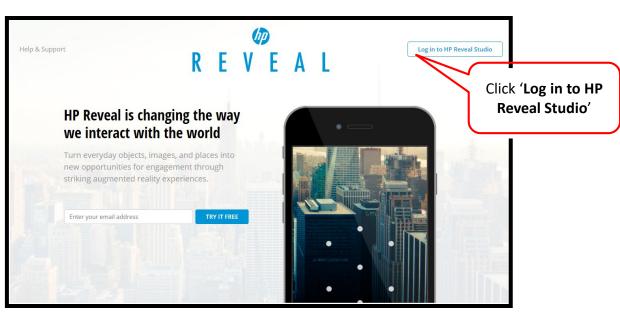
Measure campaign results through a comprehensive analytics dashboard.

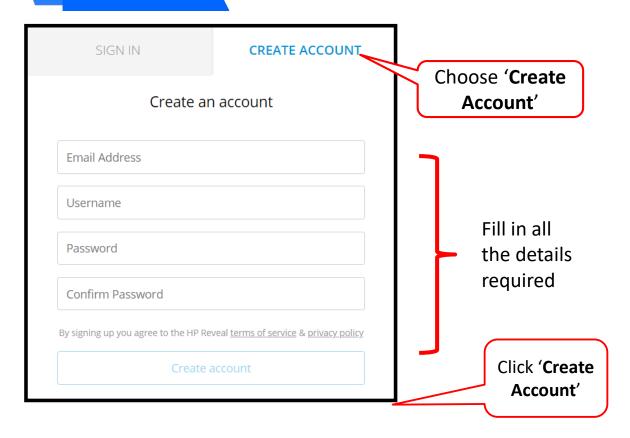
STEP 1



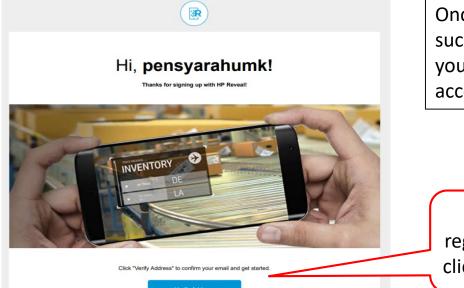
Go to https://studio.hpreveal.com/landing

REVEAL



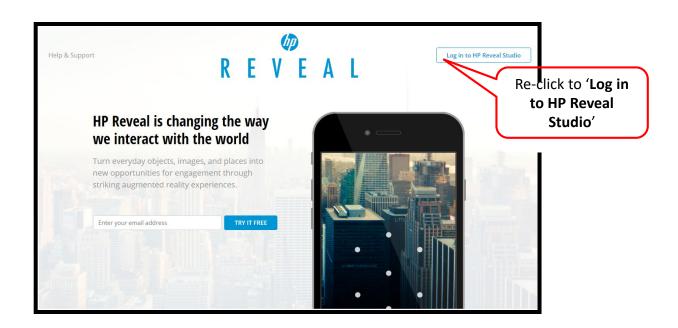


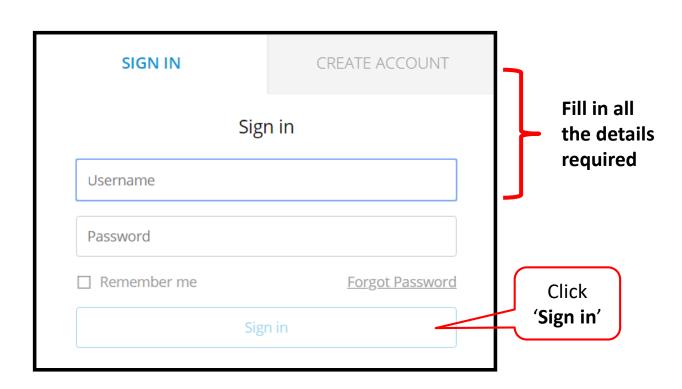
STEP 4



Once the account is successfully created, you need to verify the account via email

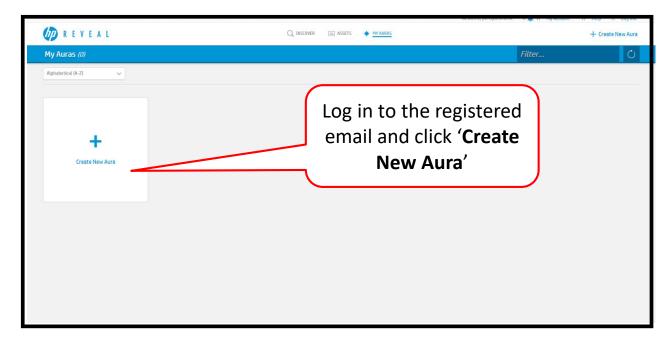
Log in to the registered email and click 'Verify Address'





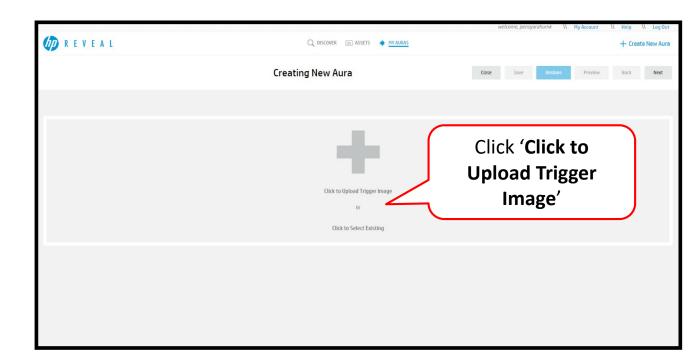
The user interface of HP Reveal

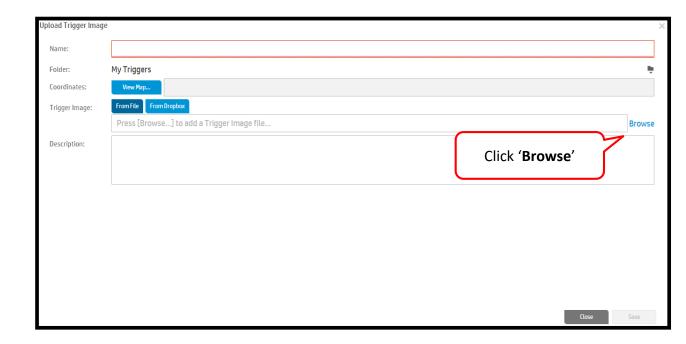


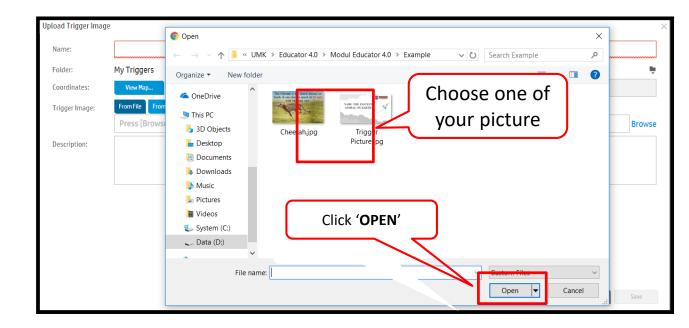




The user interface of HP Reveal

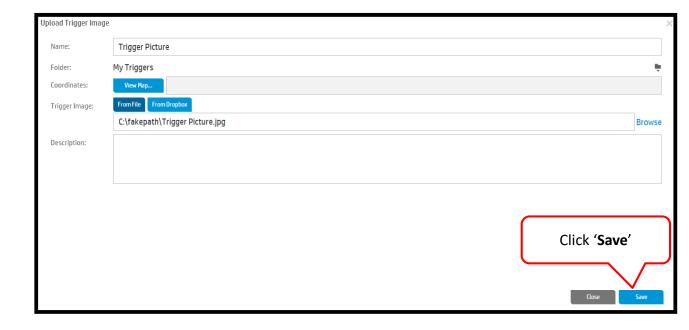


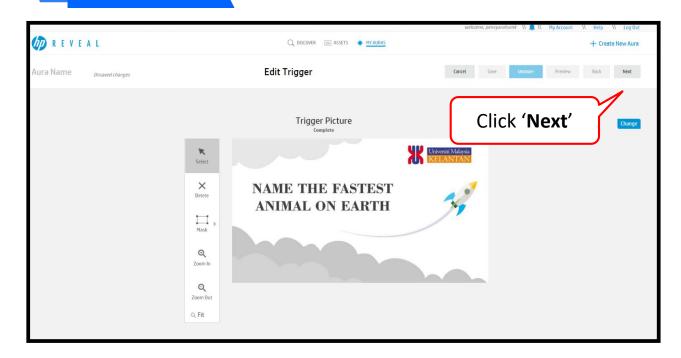


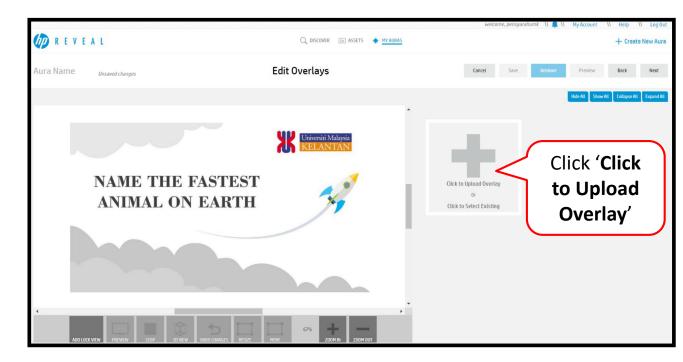


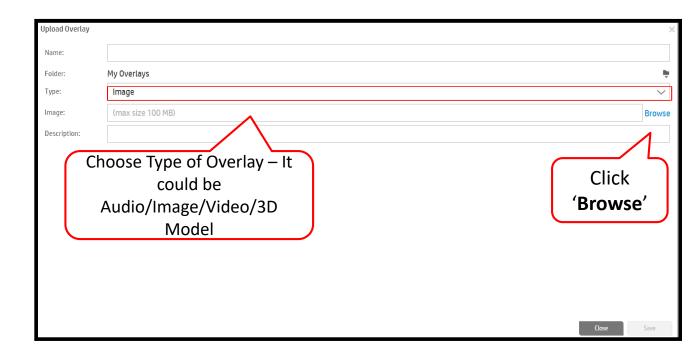
The selected picture will be your trigger for the real information

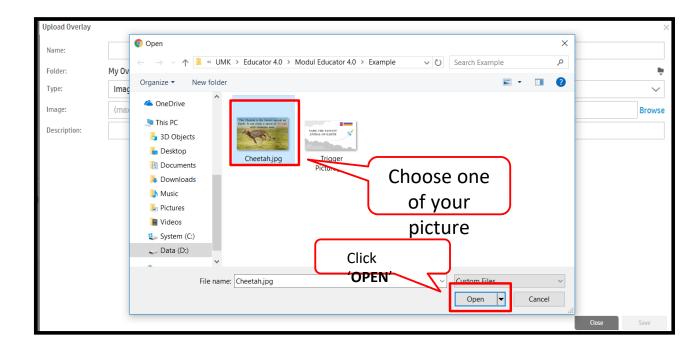








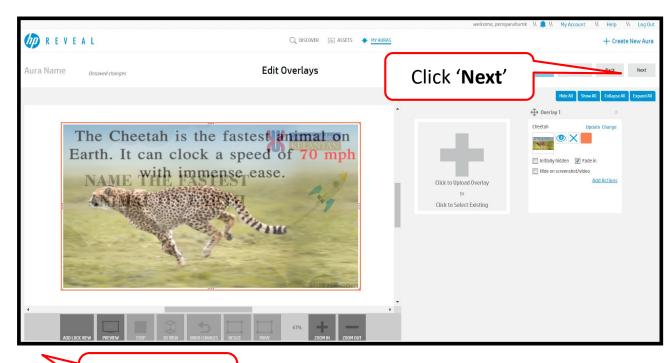






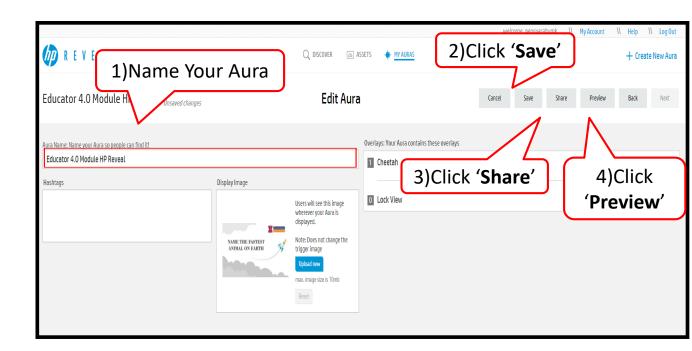
STEP 18

The selected picture will be overlaid onto the previous picture



Click 'Add Lock View'

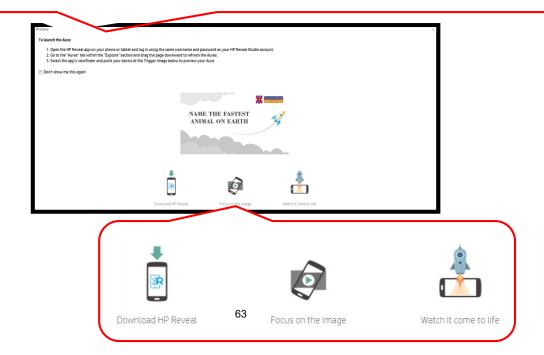




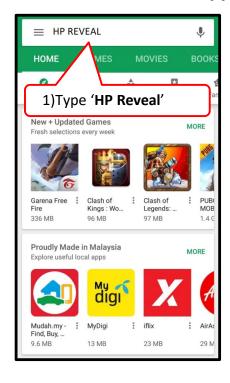
STEP 20

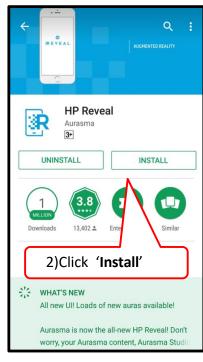
To launch the Aura:

- 1. Open the HP Reveal app on your phone or tablet and log in using the same username and password as your HP Reveal Studio account.
- 2. Go to the "Auras" tab within the "Explore" section and drag the page downward to refresh the Auras.
- 3. Select the app's viewfinder and point your device at the Trigger image below to preview your Aura.



Install the HP Reveal apps in smart phone (Playstore @ Apple Store)





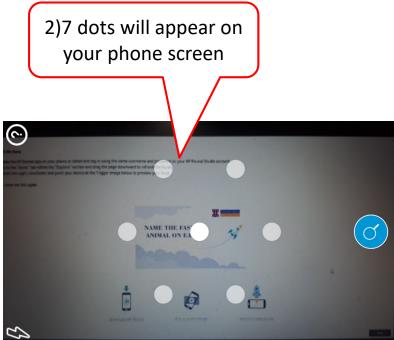








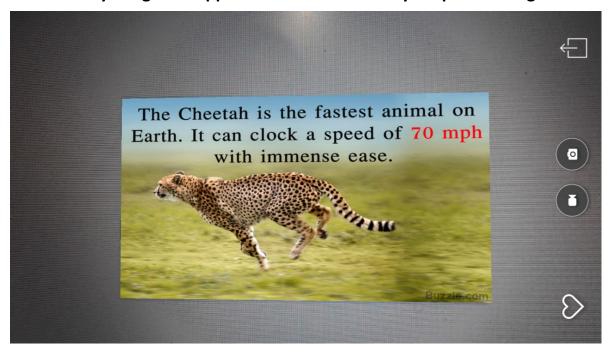




3)Bring those 7 dots to scan the figure on your desktop. Make sure the figure is in the center of those dots.

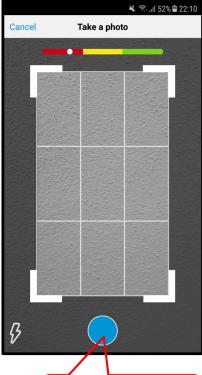
STEP 24

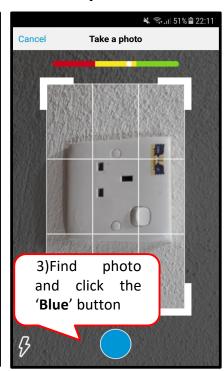
The overlay image will appear and come alive on your phone. Magic!



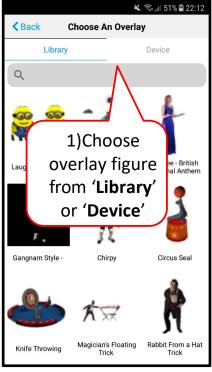
We can also create the Aura using HP Reveal app on smartphone

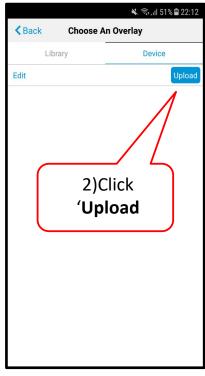


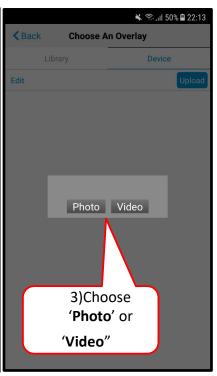


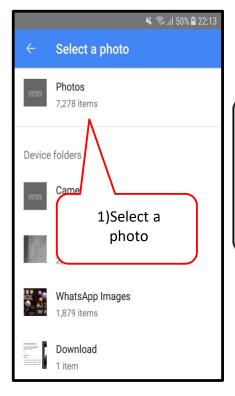


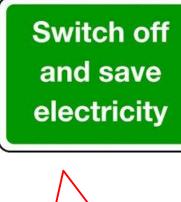
2)The interface





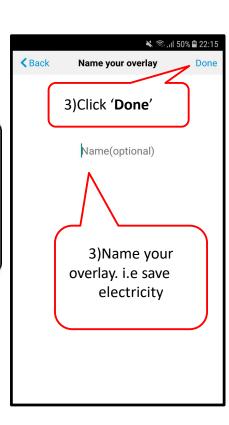




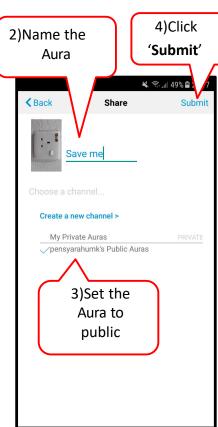


2)Example of selected

photo





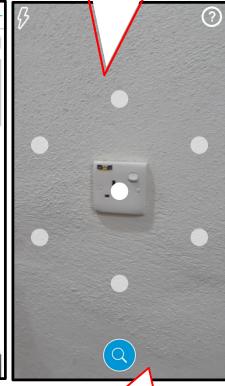


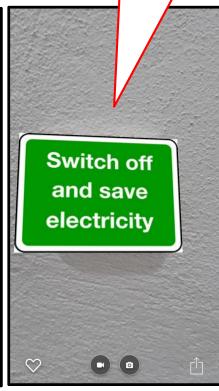


2)7 dots will appear on your phone screen

4)Magic!







3)Bring those 7 dots to scan the figure on your desktop. Make sure the figure is in the center of those dots

Conclusion: HP Reveal is most the easiest way in documenting all your document and could be retrievable.

Augmented Reality App Development Platform: Layar



Founded in the summer of 2009, Layar quickly gained international attention as one of the first mobile Augmented Reality (AR) browsers to hit the market. Layar open development platform attracted thousands of developers from all of the world to create AR content as millions downloaded the Layar App for iOS and Android, making Layar the world's

Advantages

- 1. Quick and easy create AR content in minutes by using simple drag-and-drop interactive digital elements
- 2. Publish and share AR content to the world
- View and interact with AR content by using mobile devices either in iOS or Android platforms

Output

Create AR content with interactive content, including video messages, Web and social links, photo slideshows and music clips for the following campaign types:

- 1. Magazine
- 2. Newspaper
- 3. Print advertisement
- 4. Catalogue/folder
- 5. Business card
- 6. Greeting card
- 7. Packaging
- 8. Direct marketing
- Billboard/outdoor advertising
- 10. Letter
- 11. Poster
- 12. Other

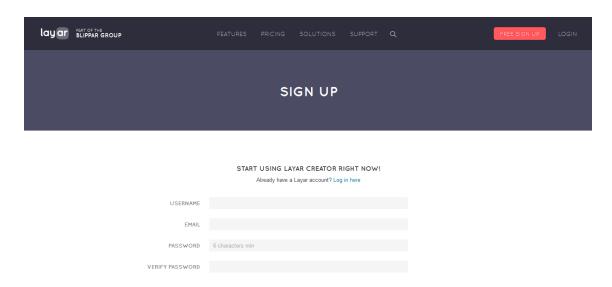
Website and Video Tutorial

- Official Website: https://www.layar.com/
- 2. Video Tutorial: https://www.youtube.com/user/layarmobile

Here is a quick tutorial on how to create AR content using free account.

Sign Up/Log In

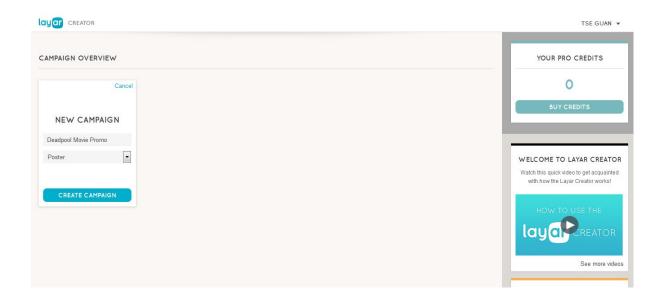
Create an account or log into Layar.



2. Create Campaign

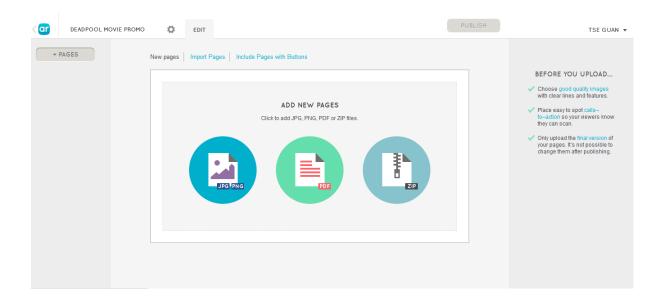
Click the "+" to select New Campaign. Then enter a Campaign Title and select desired Campaign Type. After that, click the "Create Campaign" button to build the campaign. For instance, Campaign Tile: Deadpool Movie Promo, Campaign Type: Poster.

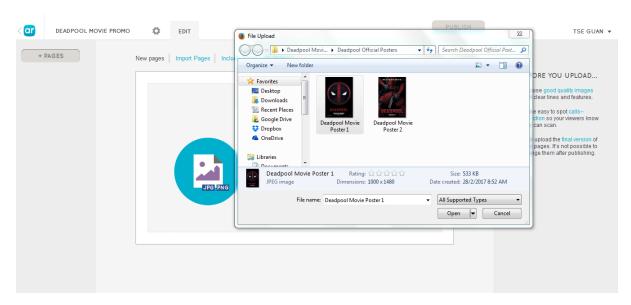




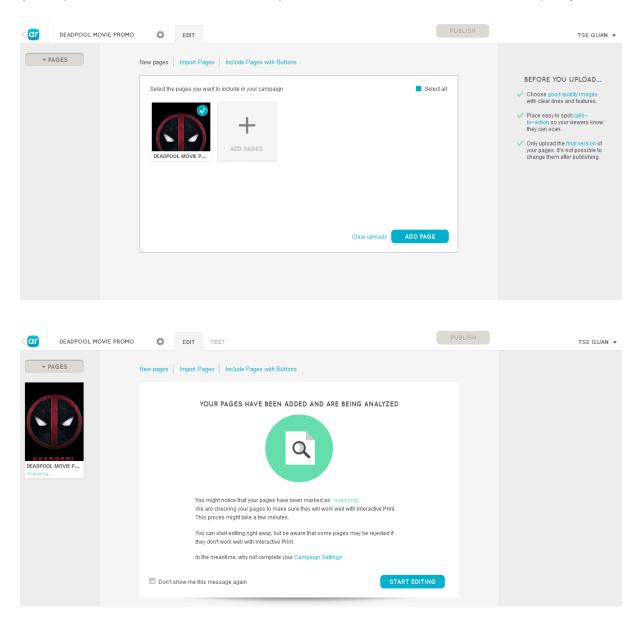
3. Upload Pages:

Select the desired file type and then find the page on computer hard drive. File types accepted are: JPG, PNG, PDF or ZIP. Next, click "Add Page" button and wait for uploading poster. After successfully uploaded and analysed the poster, then click "Start Editing" button to proceed for adding interactive content into page. Please note that only one page can be added for the free account. For instance, the Deadpool official poster is selected from the computer hard drive and then added as the page.



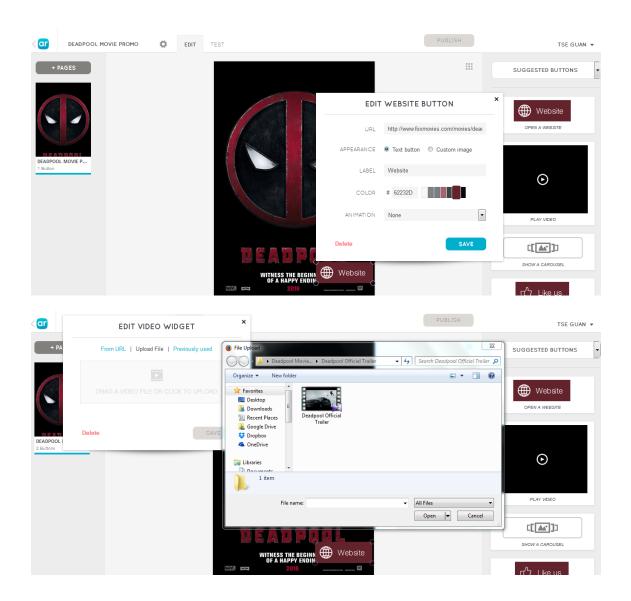


(Deadpool Official Poster Source: http://www.foxmovies.com/movies/deadpool)

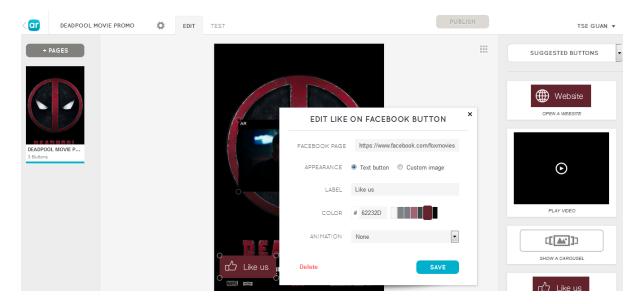


4. Add Content

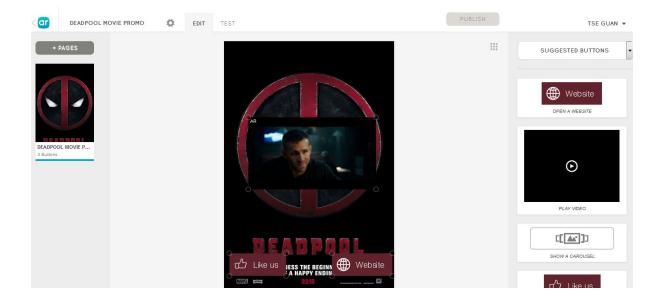
Add AR content with interactive content into page, including video messages, Web and social links, photo slideshows and music clips. User are able to dragand-drop interactive digital elements and customize them with simple controls. For instance, the official website, trailer and Facebook page are added into page.



(Deadpool Official Trailer Source: http://www.foxmovies.com/movies/deadpool)

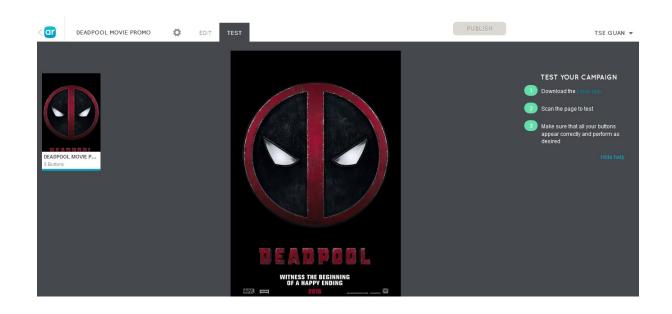


(20th Century Fox FB Page: https://www.facebook.com/foxmovies.my/?ref=br_tf&brand_redir=121150347941070)



5. Test

After designed the page, the AR content can be tested by click the "Test" button. There are three main steps for testing process. First step, download the Layar app by mobile devices either in iOS or Android platforms. Second step scan the page to test. Third step, make sure that all buttons appear correctly and perform as desired. For instance, the AR content is created and tested in Android platform.





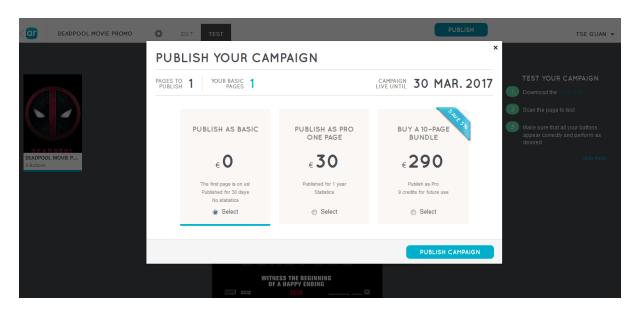


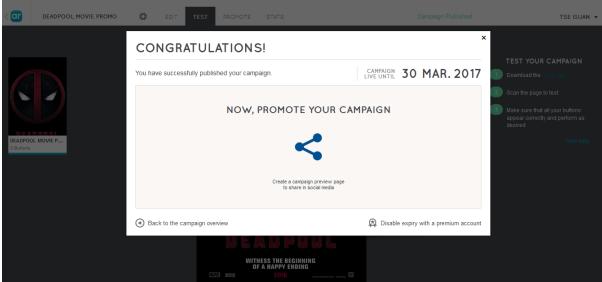




6. Publish

Click "Publish" button and select the "Publish As Basic" for the AR content. Finally, click the "Publish Campaign" button. Please note that account must be verified before can publish.





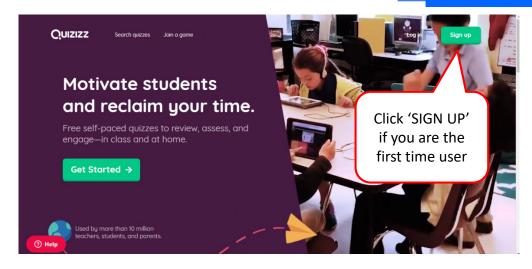
UIZIZZ QUIZZIZ

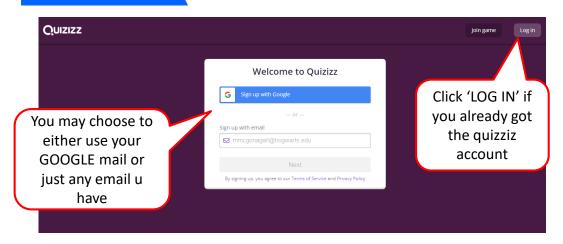
Quizziz is a free online platform for conducting formative assessment. The question will appear on the student devices (laptop, mobile phones and etc.) which allow them to move and study at their own pace. Teachers can easily create their own quiz from scratch or choose from thousands of public quizzes in the Quizziz. Students access the quiz by going to join quizziz.com and entering the 5 digit quiz code. Reports can be viewed online or being downloaded as an Excel spreadsheet

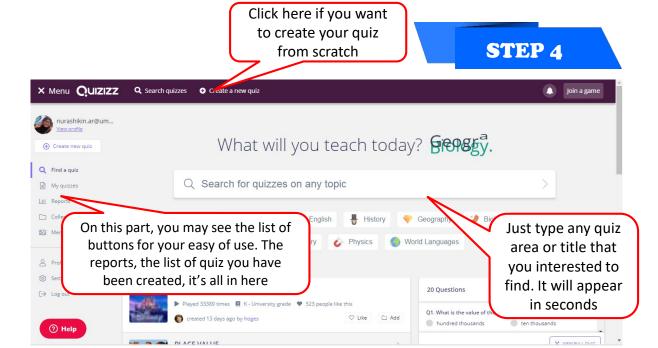
STEP 1

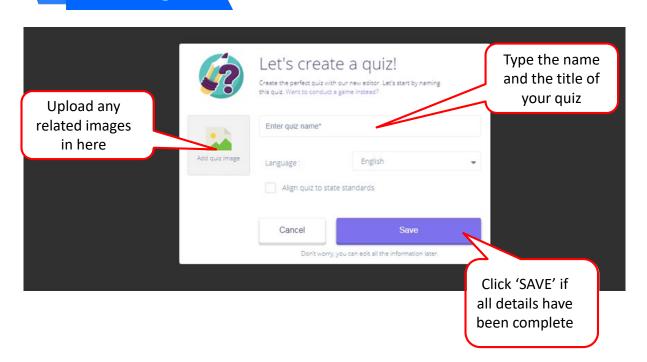
Go to https://quizizz.com

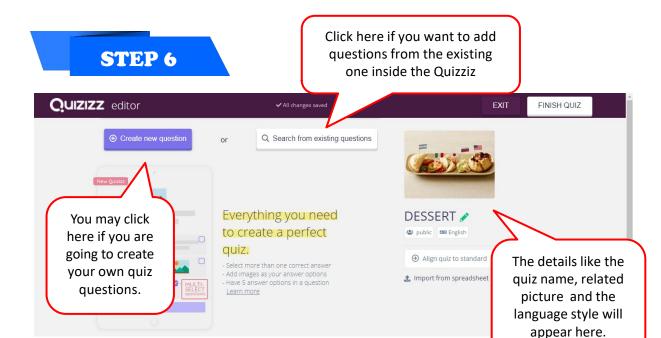
STEP 2

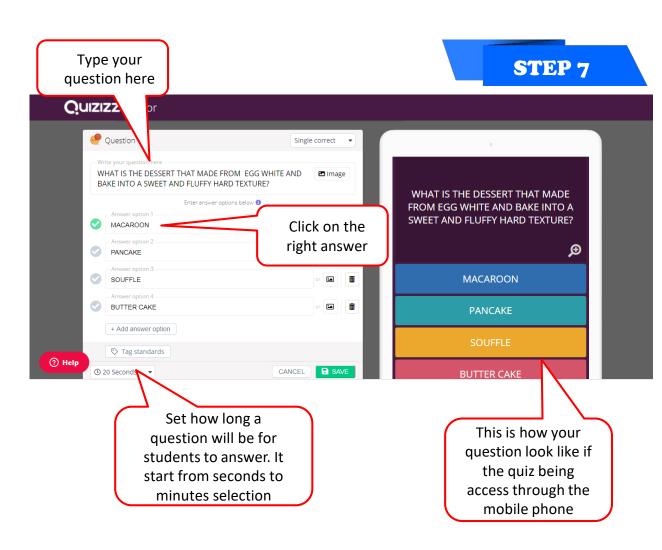


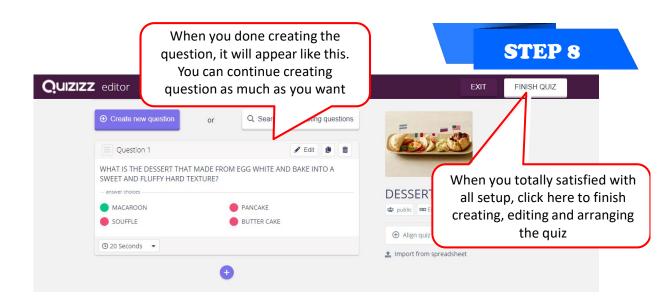


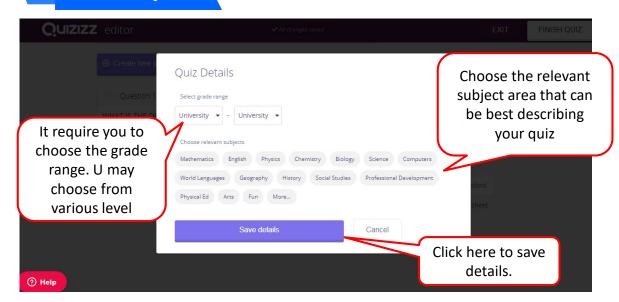


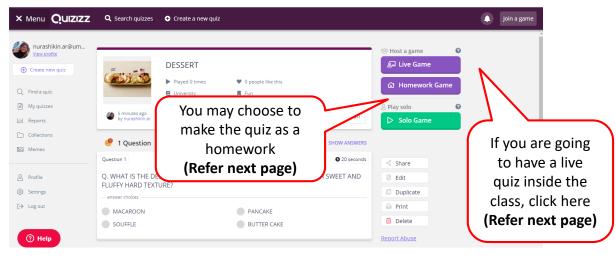






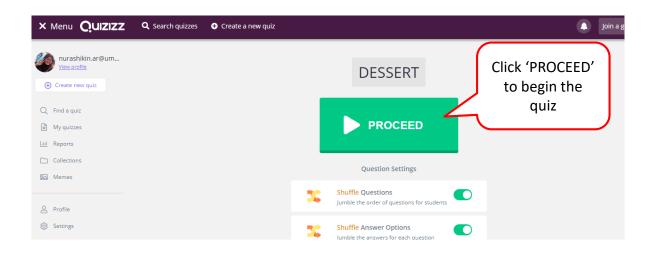






IF LIVE QUIZ

STEP 11

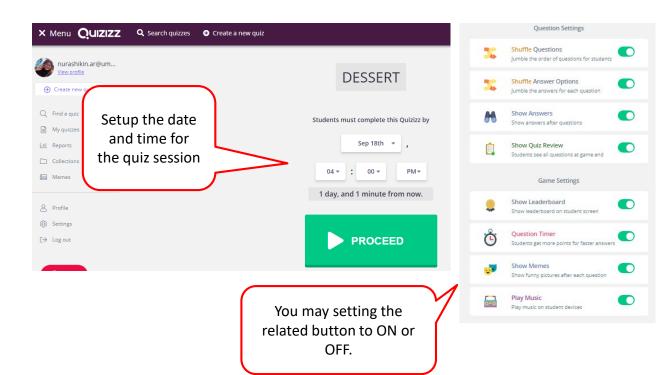


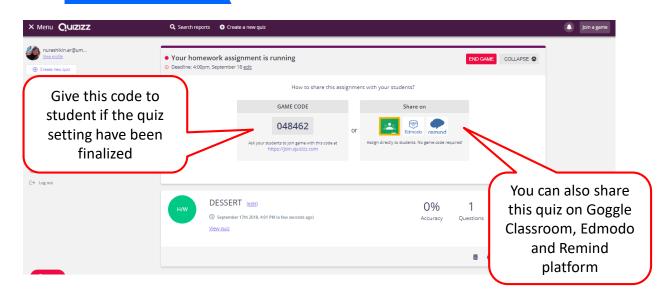
STEP 12 OUIZIZZ END GAME To play this game Tell the student to 1. Use any device to open open this link for join.quizizz.com them to access for 2. Enter game code the quiz Type this 972896 number code to start the quiz or share via... **START** 0 participant Waiting for at least one person to join

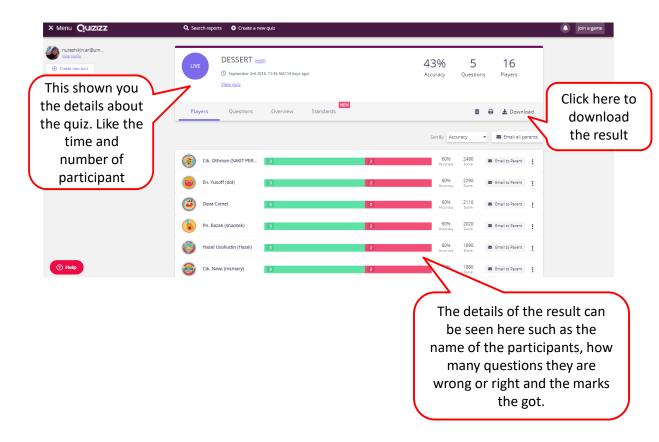
Wait for more participants to join in before you start the live quiz session

IF HOMEWORK QUIZ

STEP 13



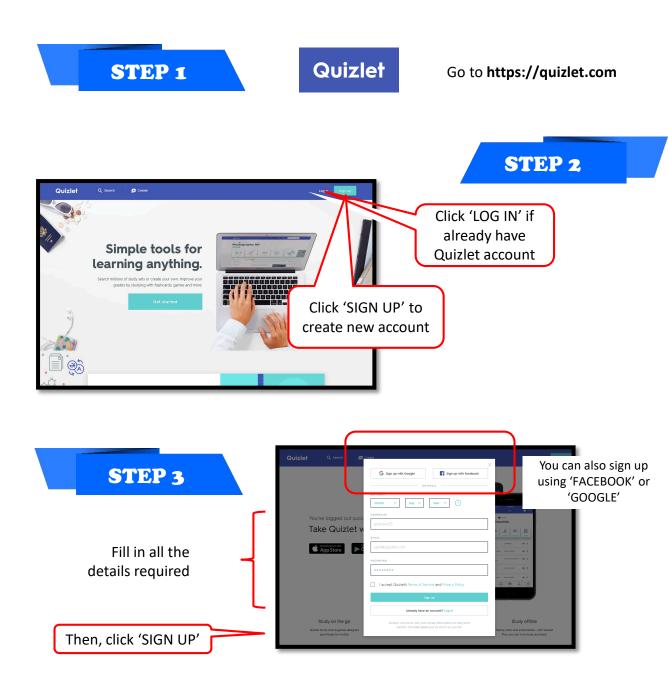




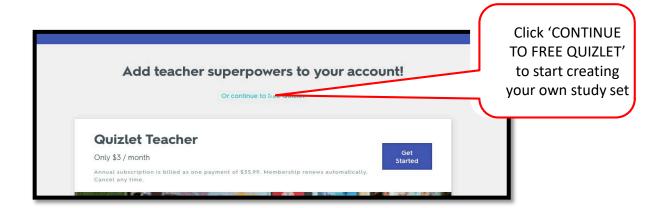


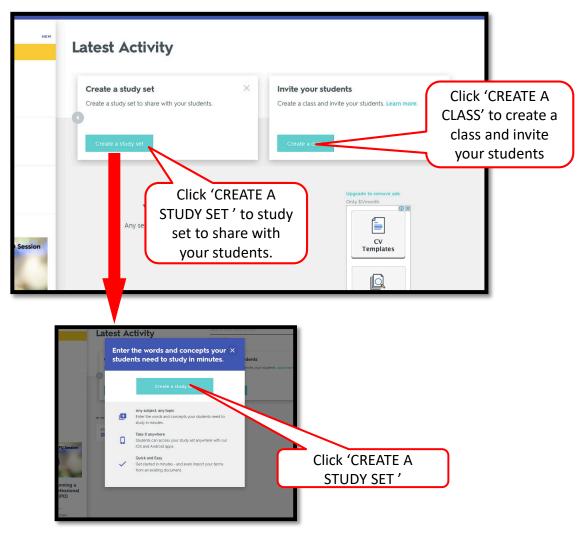
QUIZLET

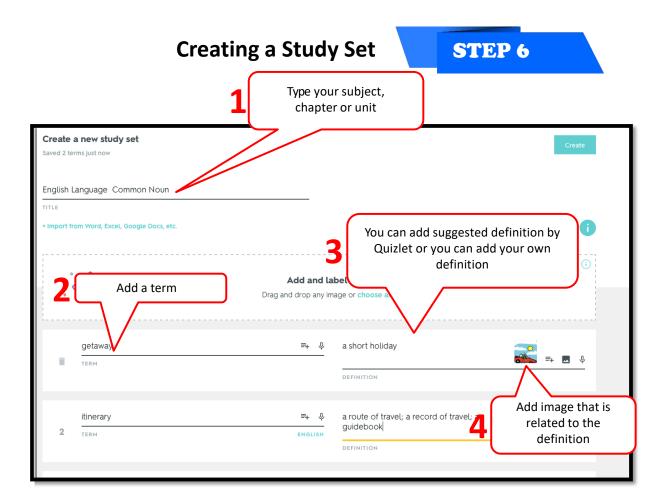
QUIZLET is a free website which provides learning tools for students, including flashcards, study and game modes. It was created by high school sophomore Andrew Sutherland in 2005. In Quizlet you can start creating your own study sets with terms and definitions. You can also copy and paste from another source, or use Quizlet's built-in auto- define feature to speed up the creating process. It is an online platform for teachers or students to create their own teaching or learning materials.

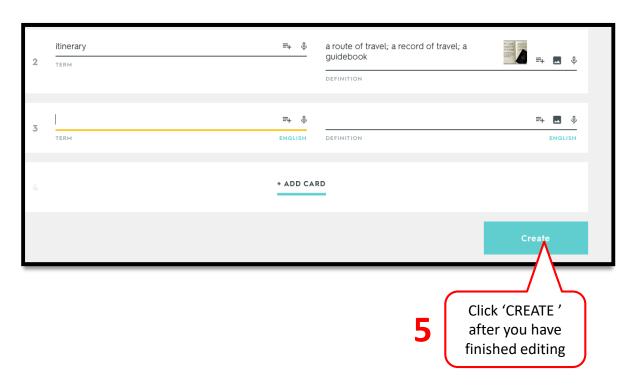


Getting started





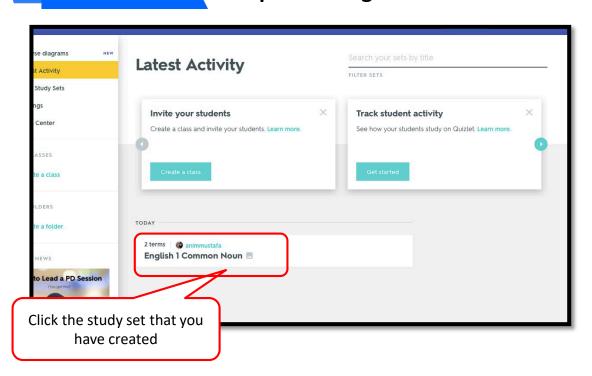


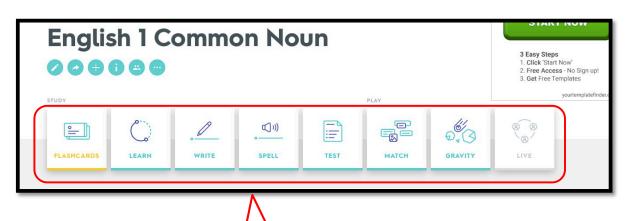


Sharing study set



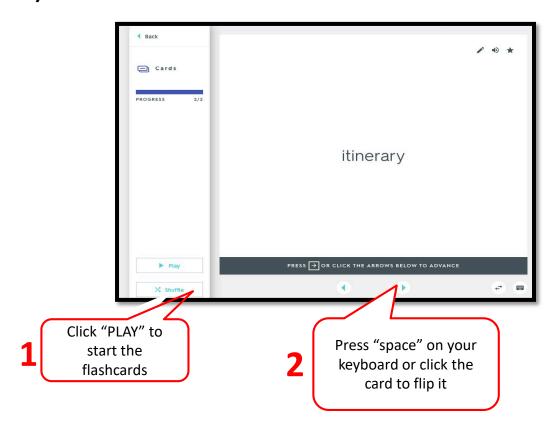
Implementing Activities



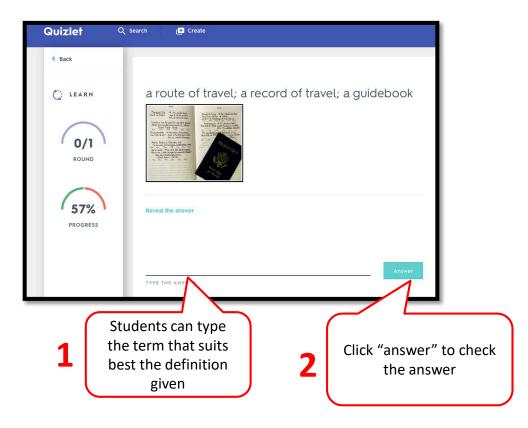


Click the activity that you want to implement based on the study set that you have created

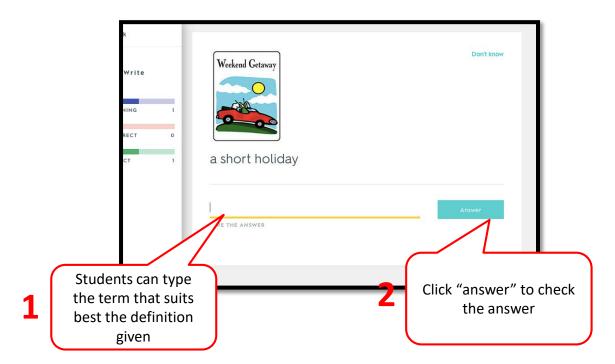
A) FLASHCARDS



B) LEARN



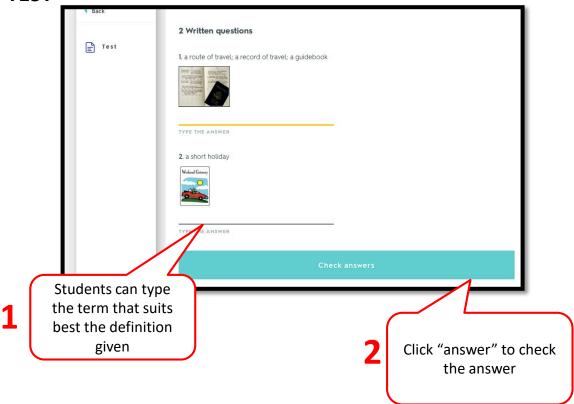
C) WRITE



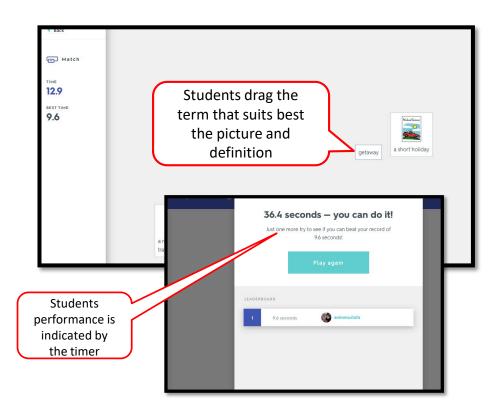
D) SPELL

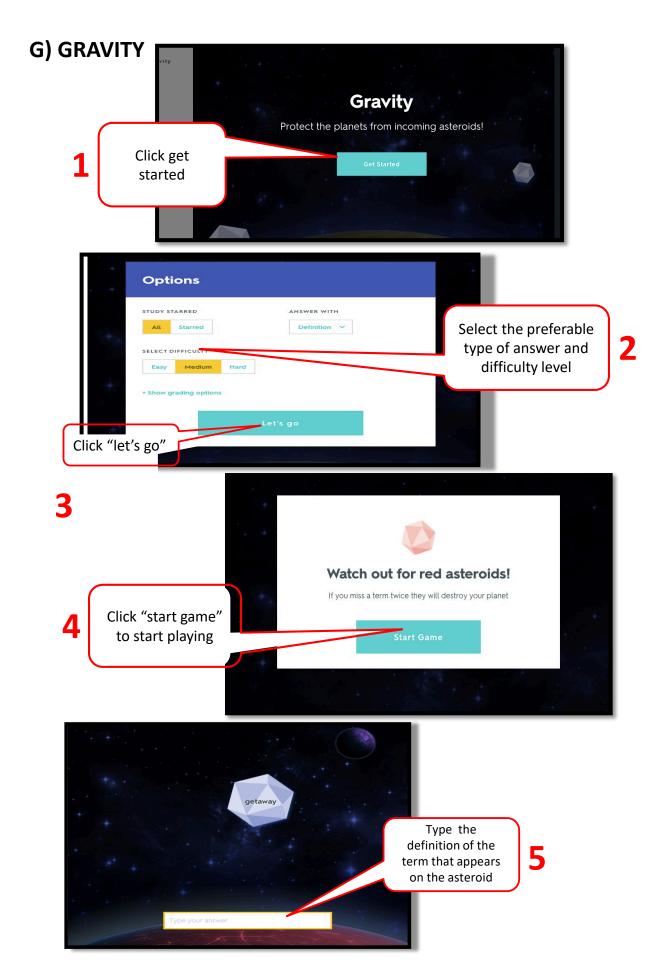


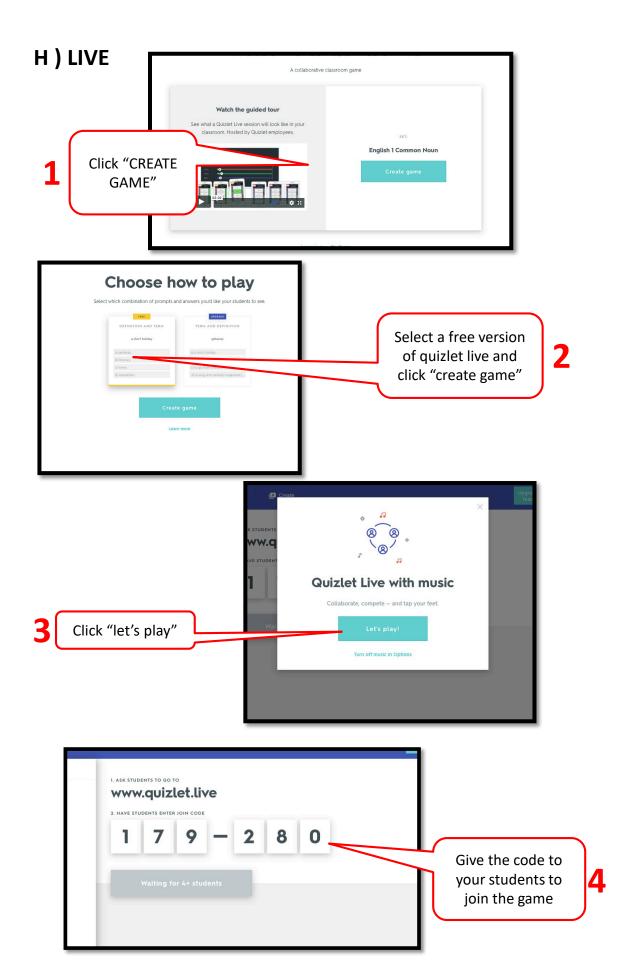
E) TEST



F) MATCH









SOCRATIVE

What is Socrative?

The so called virtual learning is currently at the peak of everyone's interest especially those in education world. Embedding this kind of learning in daily teaching and learning process is a must and Socrative just made it easier for both teachers and students. Socrative is a virtual tool and platform for fun and effective online formative assessment. It allows teachers to connect with their students on various devices for class activities. Teachers can also record students' results and evaluate students' progress. Socrative is one of the best tool to be merged into your daily classroom to assess student knowledge by quizzing the class on different topics.

Why Socrative?

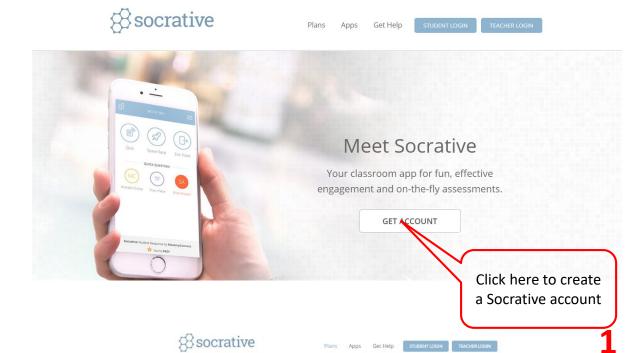
- Socrative is simple and flexible
- Works on almost any web- or app-enabled device.
- Student answers can be collected and displayed instantly
- Socrative gives teachers the option to create content-rich quiz-type content
- Able to engage any especially nervous or timid students through quick formative assessment.
- •Has the capability to align each question to a Common Core standard.
- Be able to accurately measure student learning with printable reports.
- Students can review the feedback from any assessment opportunity.
- Teachers can use that quick data to make on-the-spot instructional decisions
- Students are more engaged when technology and gadget is involved.

Go to: http://www.socrative.com/



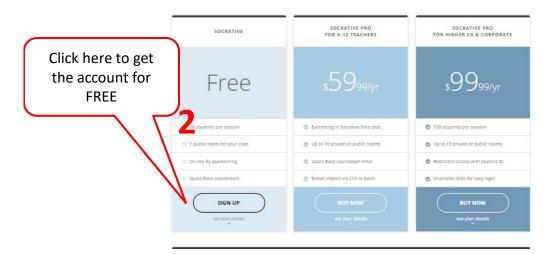


Creating an Account



Choose a Plan

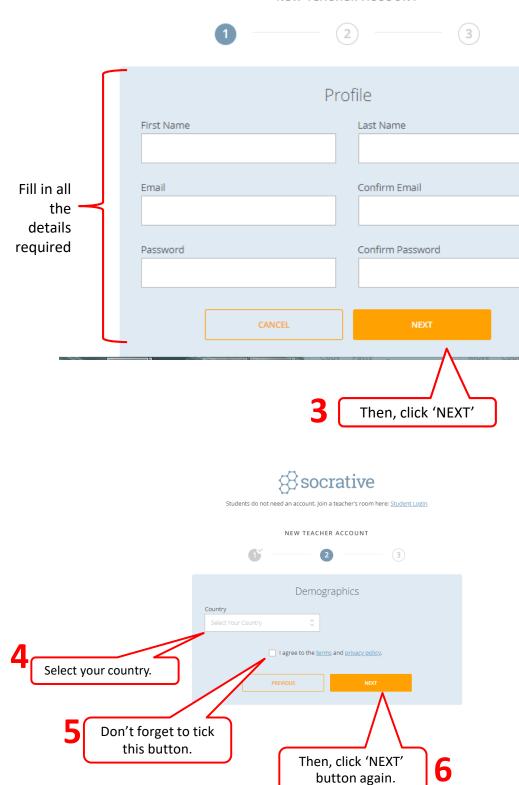
Socrative is your app for fun and effective classroom engagement. Get instant insight into student fearning with easy-to-create quizzes, polis, eal tickes and more! Oreck out the features below to choose the Socrative account that's right for you.

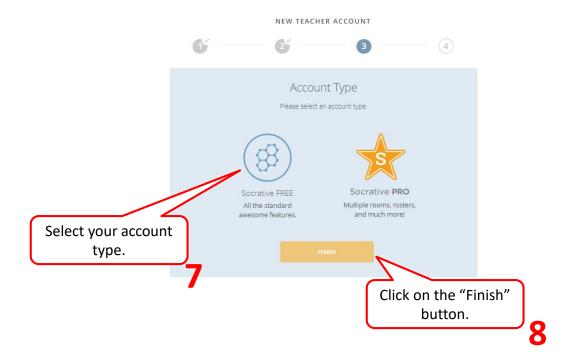




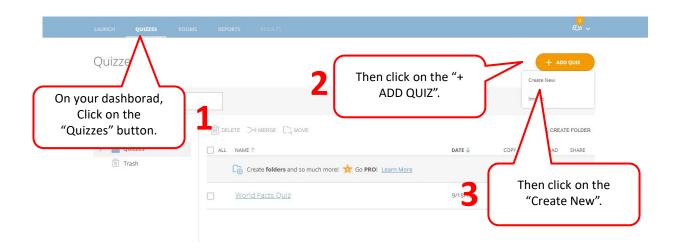
Students do not need an account. Join a teacher's room here: Student Login

NEW TEACHER ACCOUNT

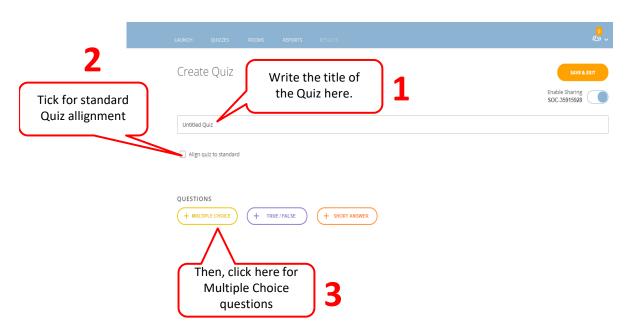


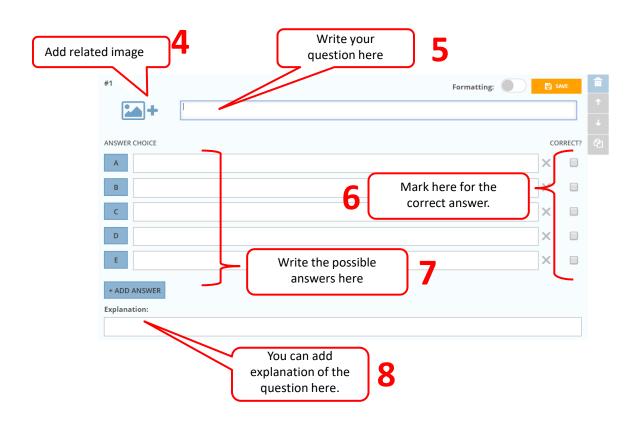


Creating a Quiz

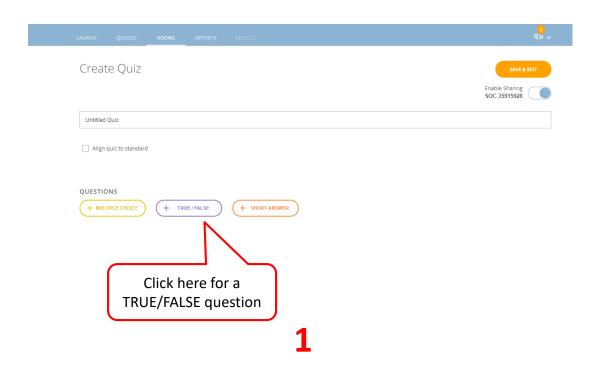


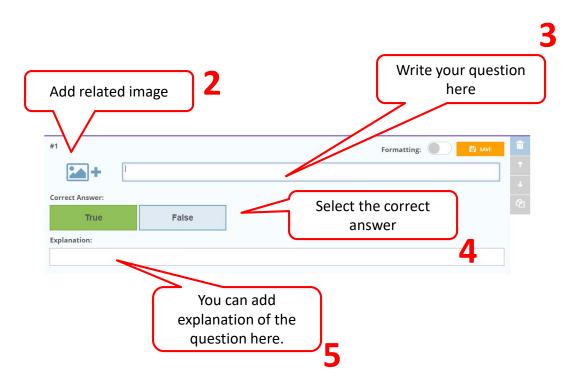
a) Multiple Choice Questions



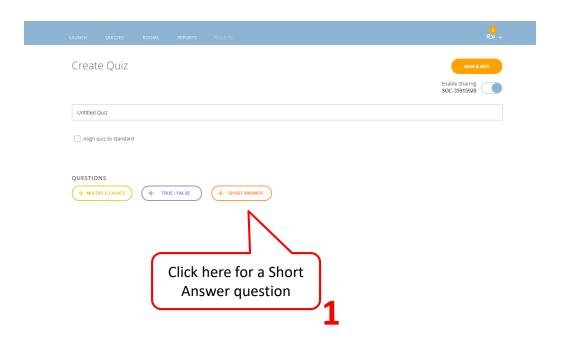


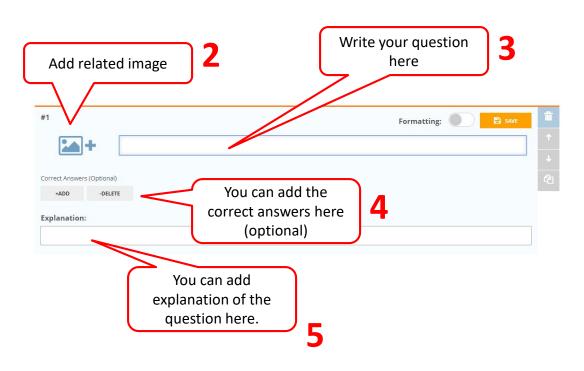
b) True/False Questions





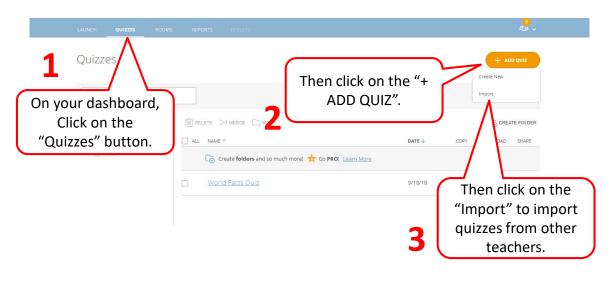
c) Short Answer Questions

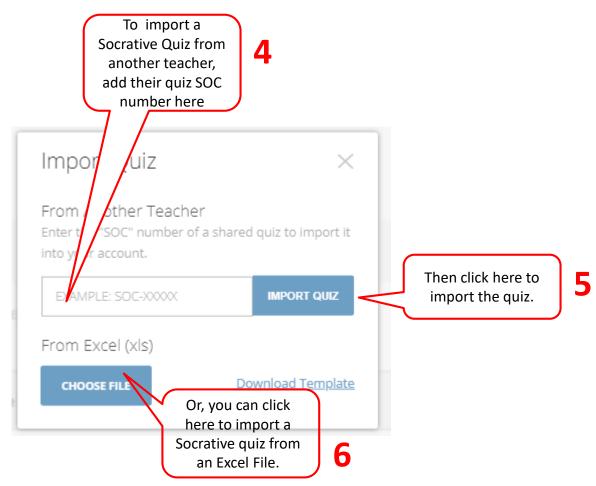






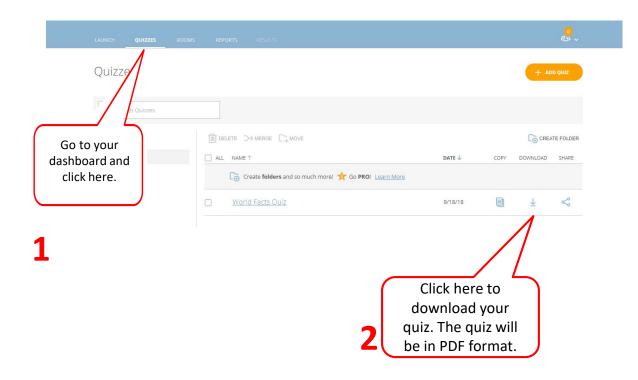
IMPORTING A QUIZ





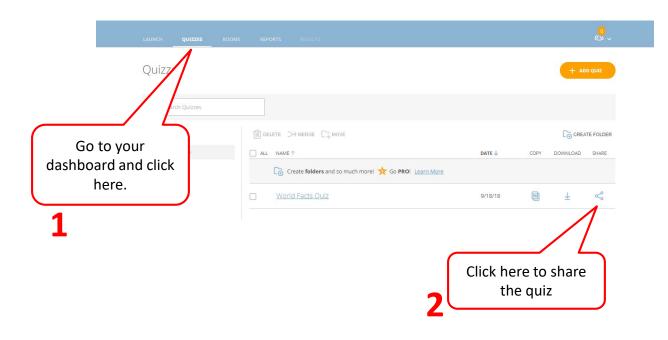


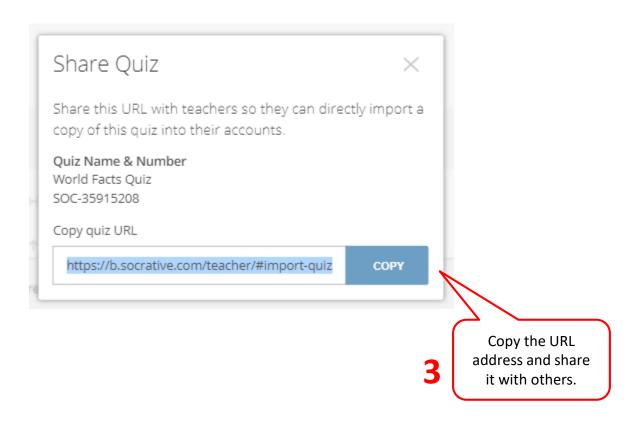
DOWNLOADING A QUIZ



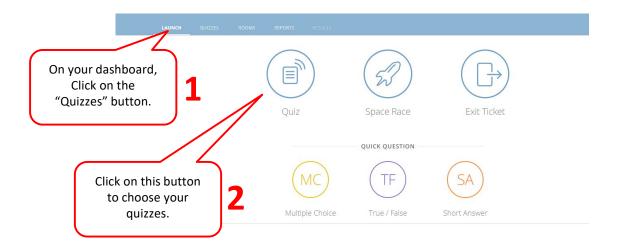
STEP 6

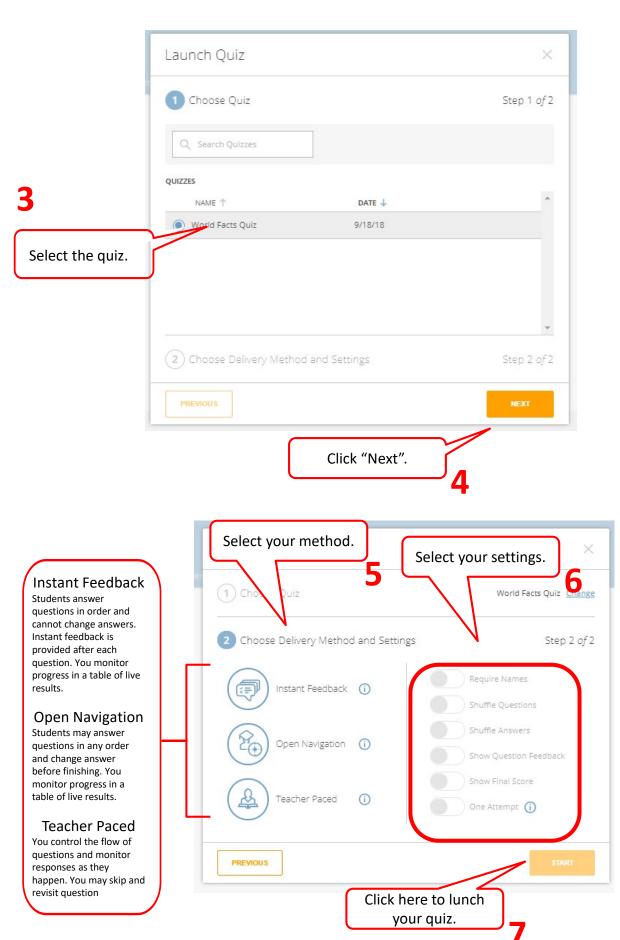
SHARING A QUIZ

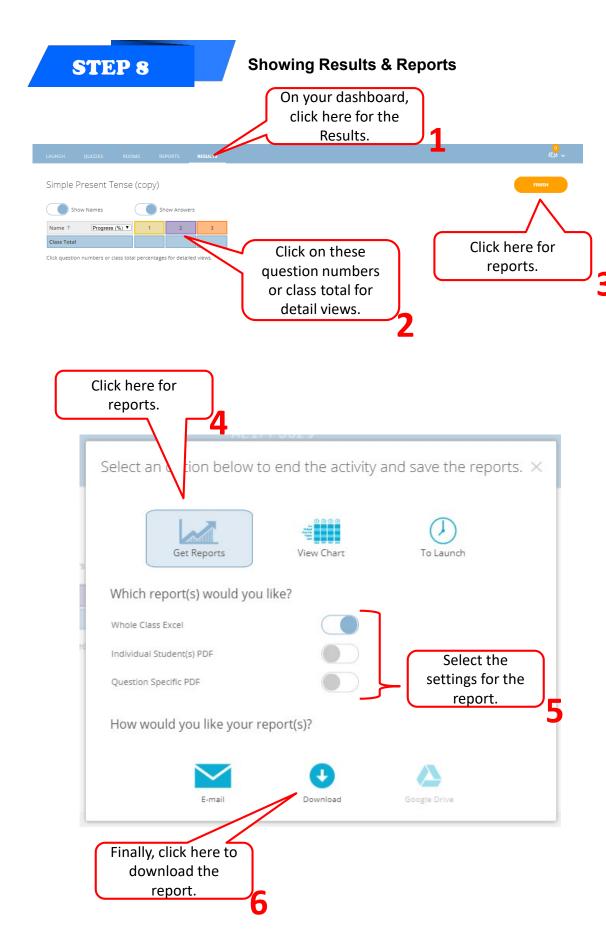




LAUNCHING A QUIZ

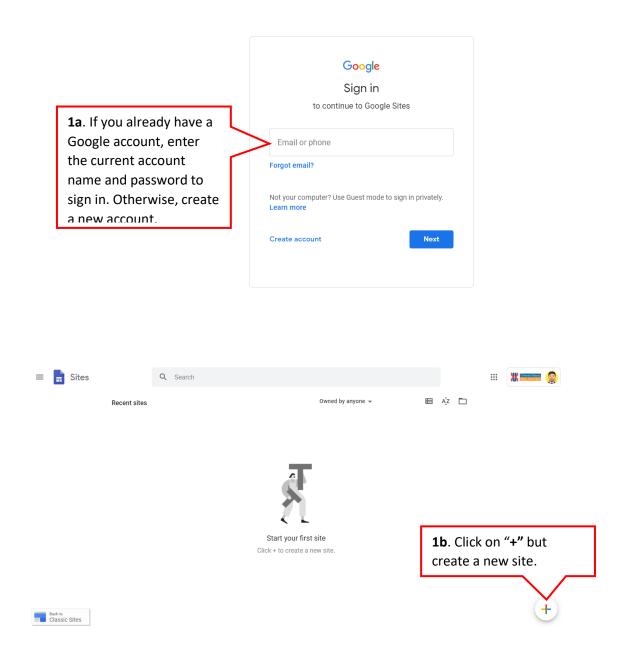




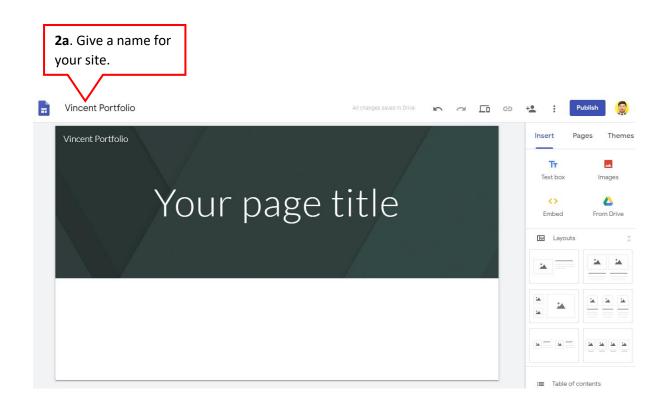


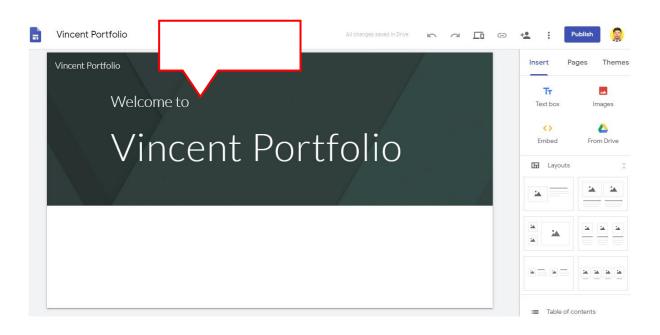
Google Sites Tutorial

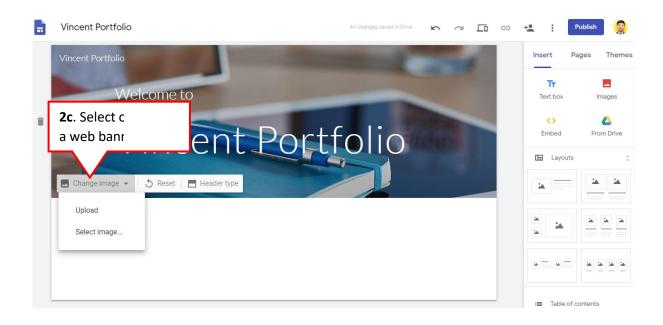
1. Enter http://sites.google.com into a web browser. Then, create a new site.



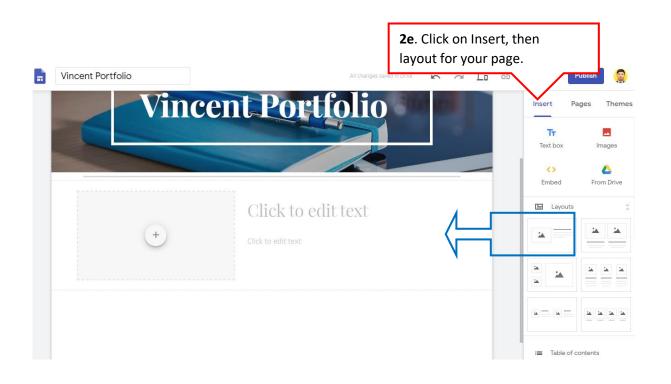
2. Design and edit the page.

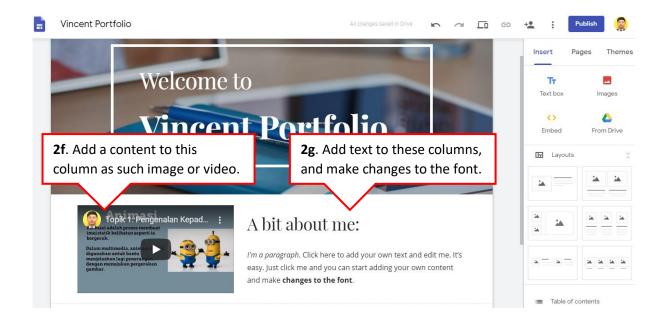


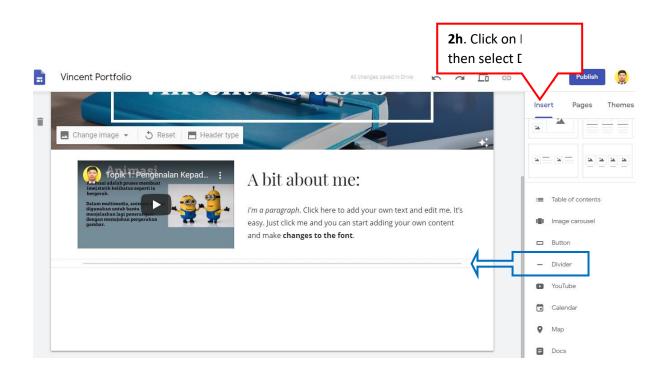


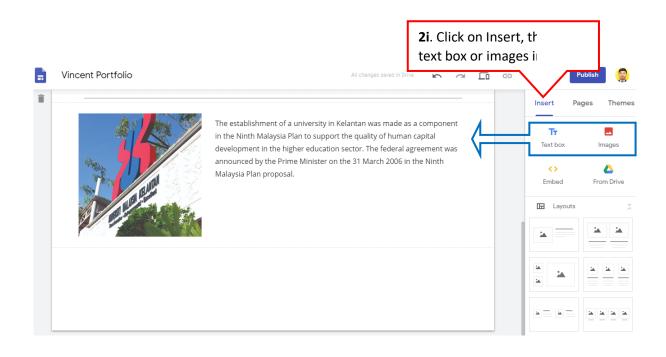


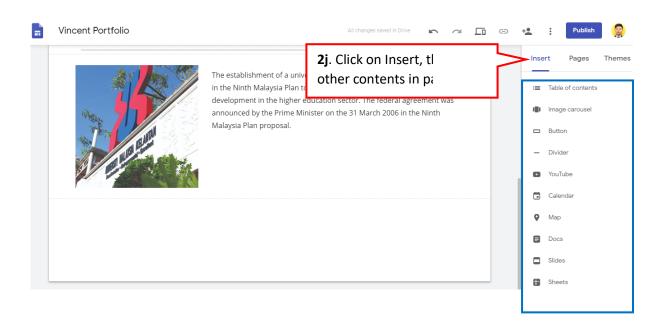




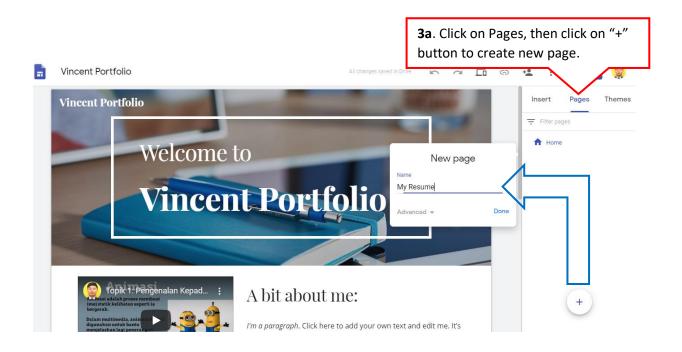


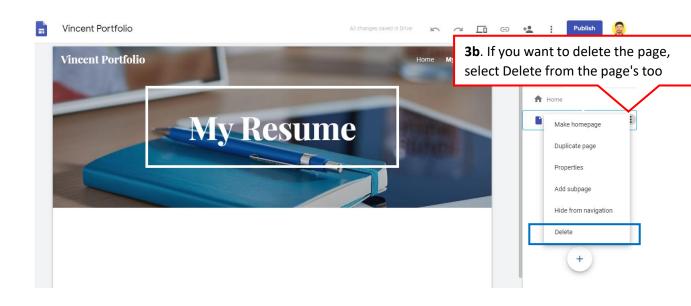




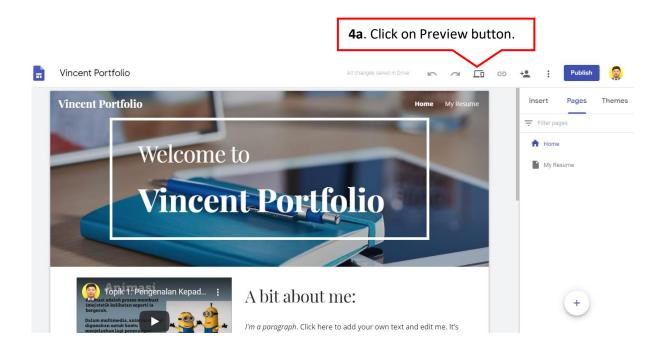


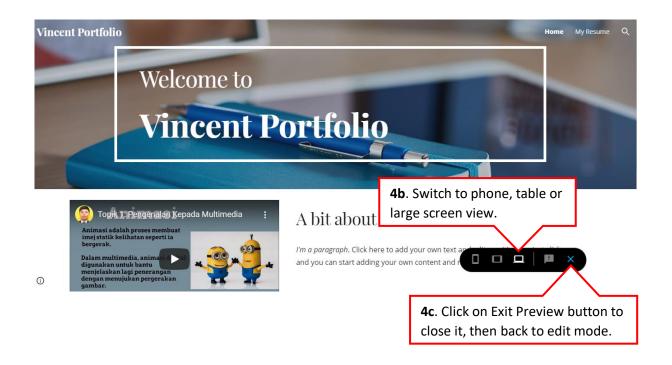
3. Add or delete page.



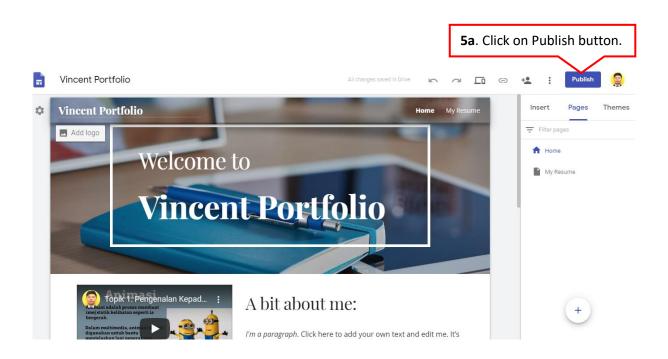


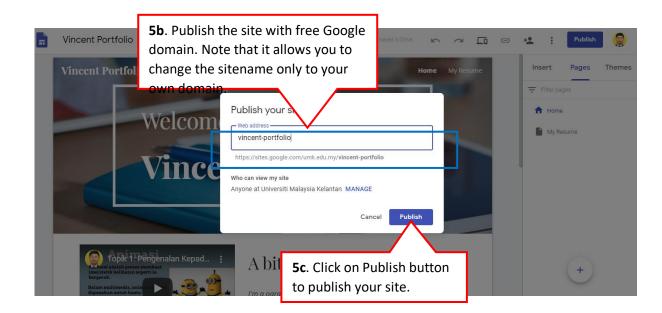
4. Preview the site in different devices (phone, table and large screen) before it goes live.





5. Publish your website to the world with the free Google domain.





Google Sites Tutorial

1. Type the following web address into your browser's address bar: http://sites.google.com

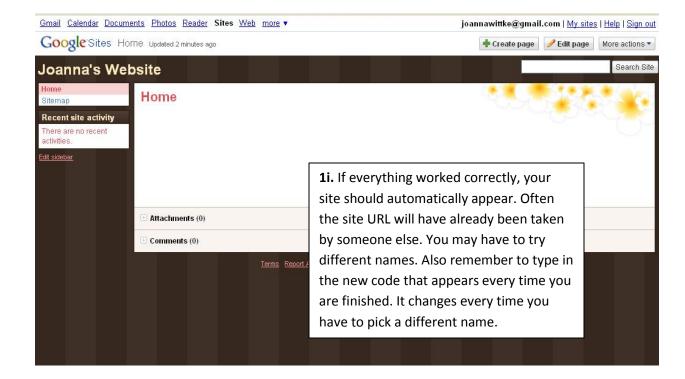




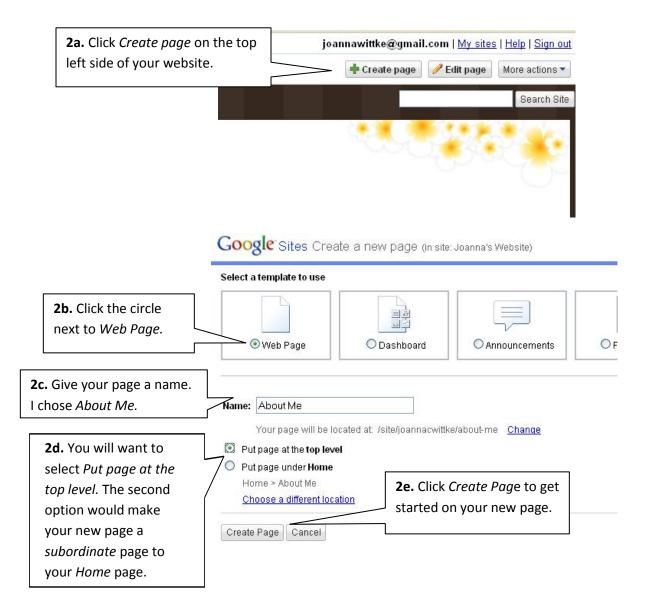


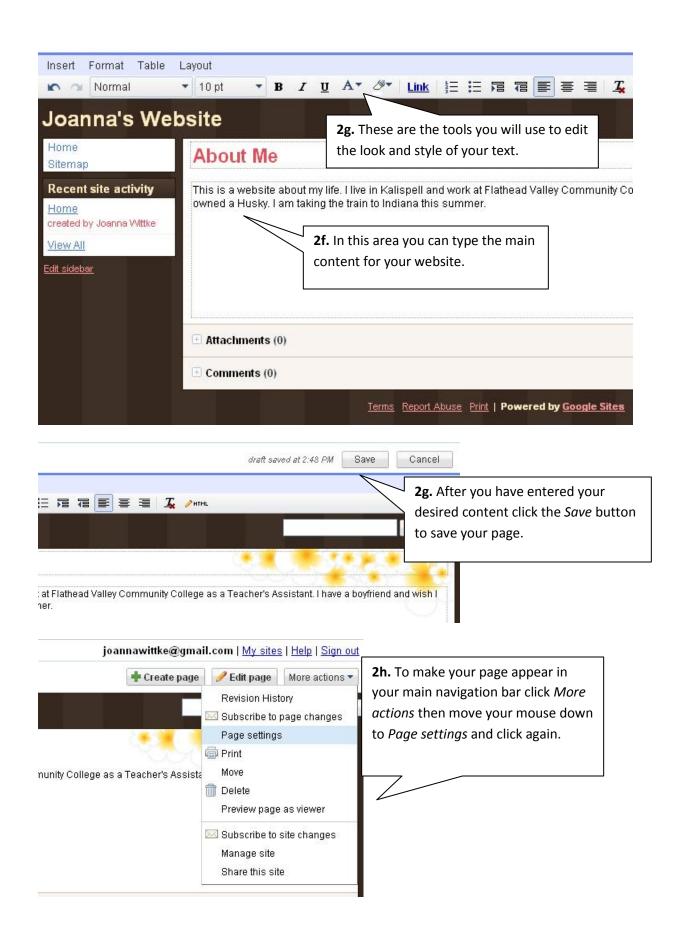


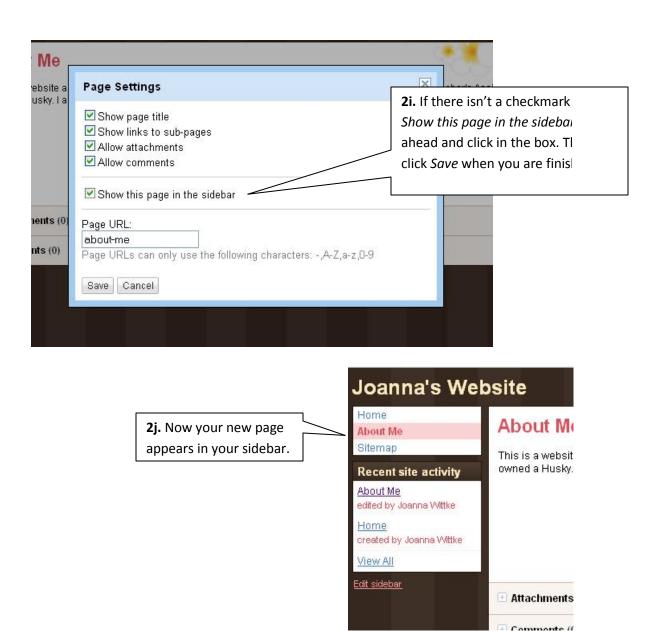




2. Now it's time to create a page for your website. My first one is going to be called About Me, and it's going to be a generalized page about myself.

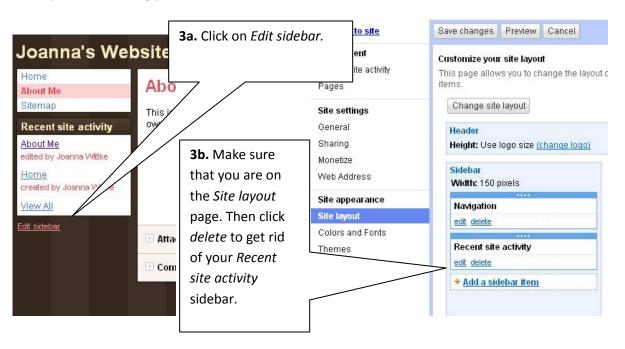


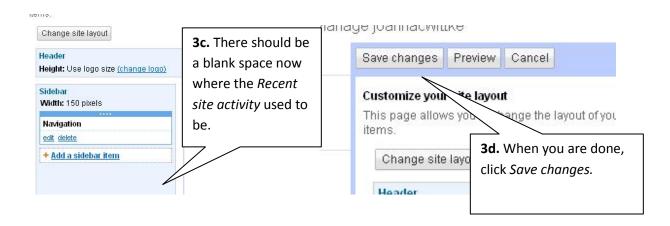




Repeat this process to add more pages to your new google website!

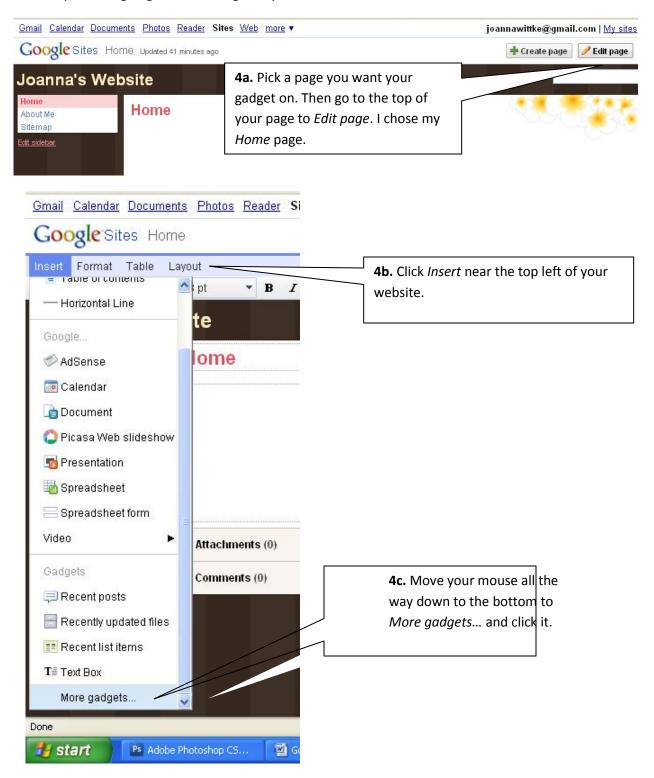
3. Next we are going to delete the Recent Site Activity sidebar that's liable to confuse you and anyone else visiting your site.



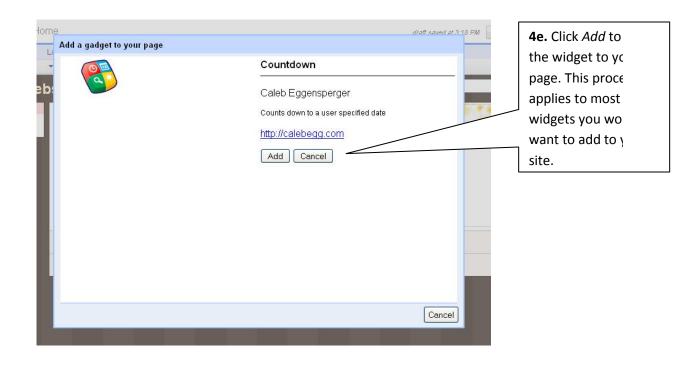


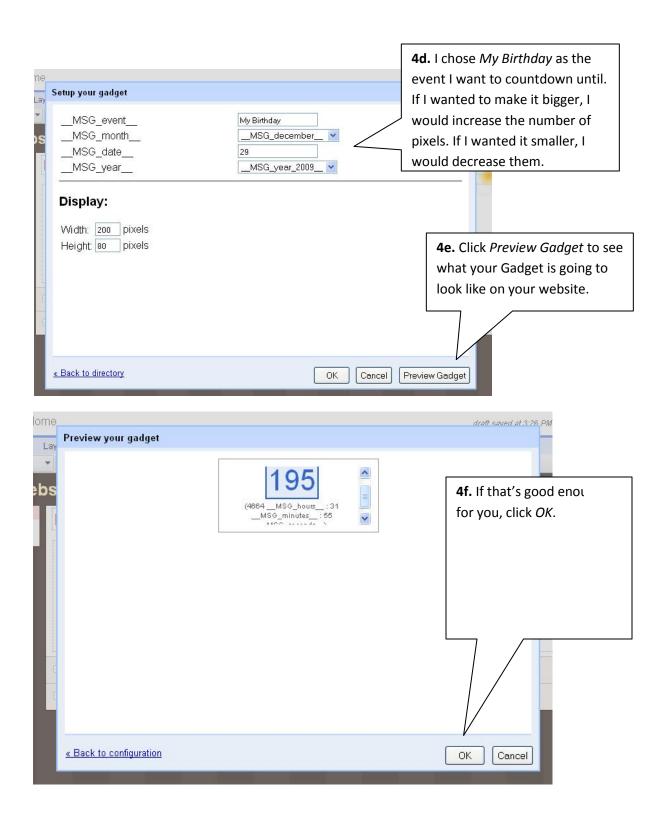


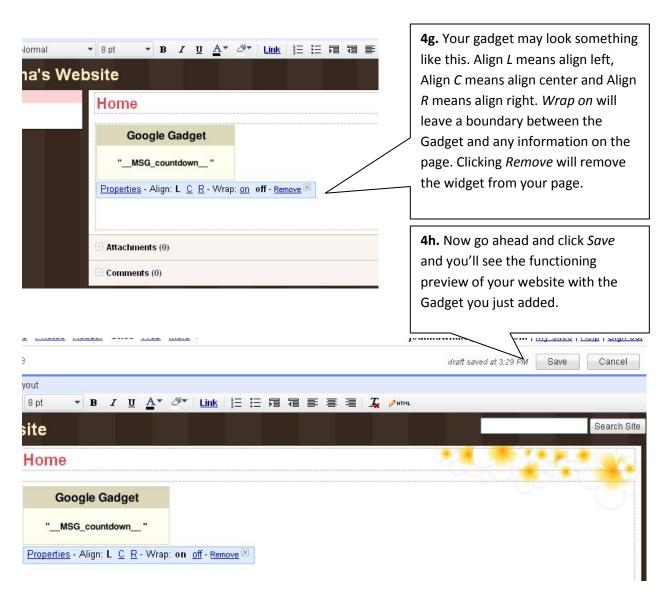
4. Lastly, we are going to add a Gadget to your website.



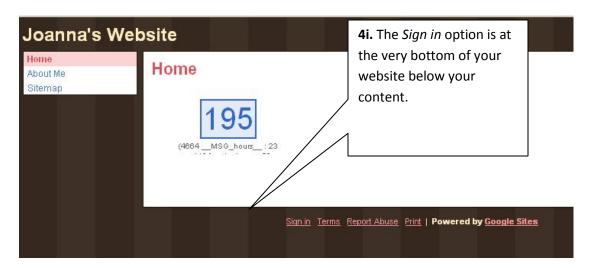








You can access your site from any computer with internet. For example, my site is http://sites.google.com/site/joannacwittke. To edit it, all I have to do is sign in again.





PATHBRITE

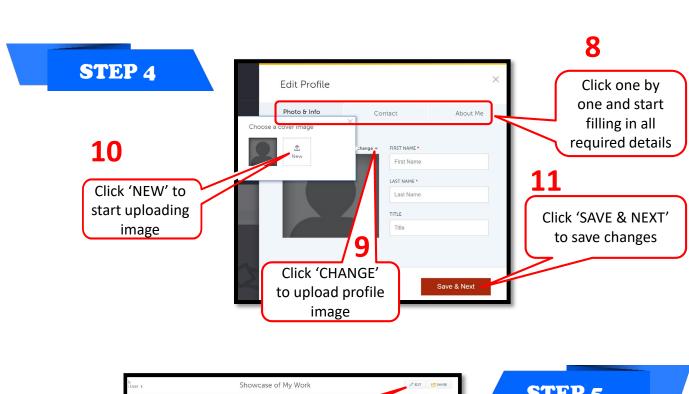
Pathbrite offers the best-in-class, cloud-based Portfolio Platform in the market, whereby users can aggregate and showcase all digital evidence of what they have created, achieved and mastered. Our portfolio platform transforms individual and community assessment to make understanding the skills, achievements and knowledge of a person, or group, holistic, continuous and easy.

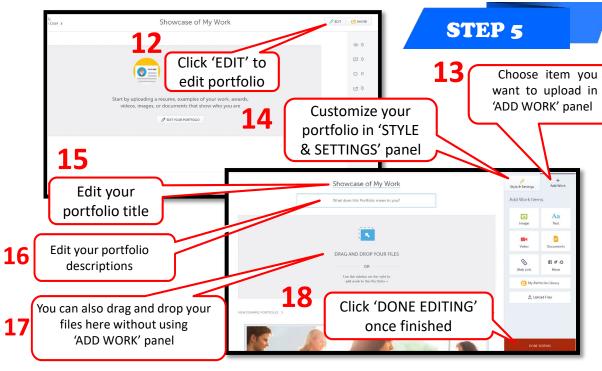
STEP 1



Go to https://pathbrite.com/

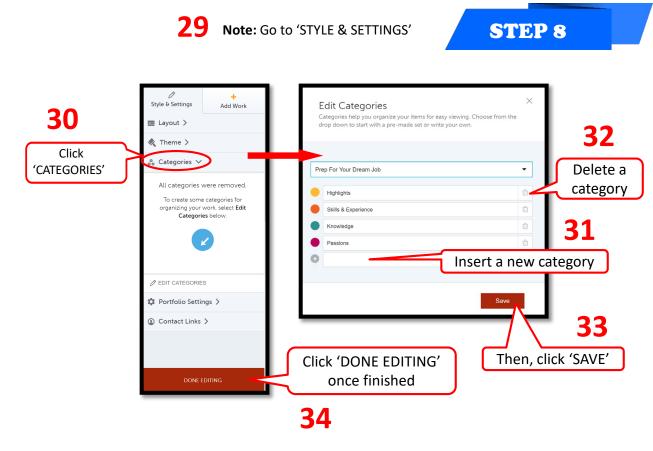








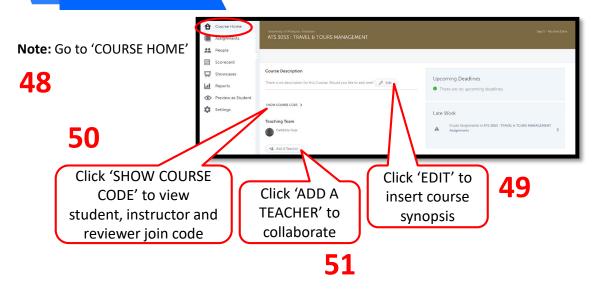








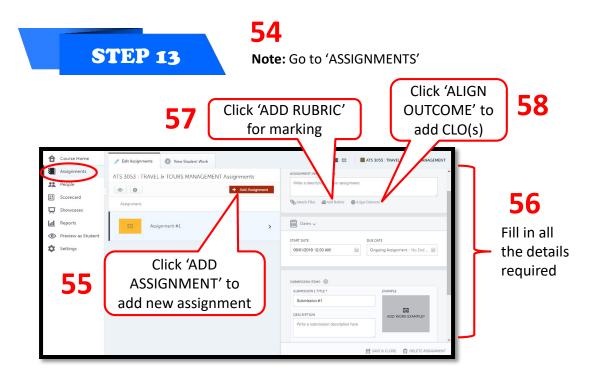


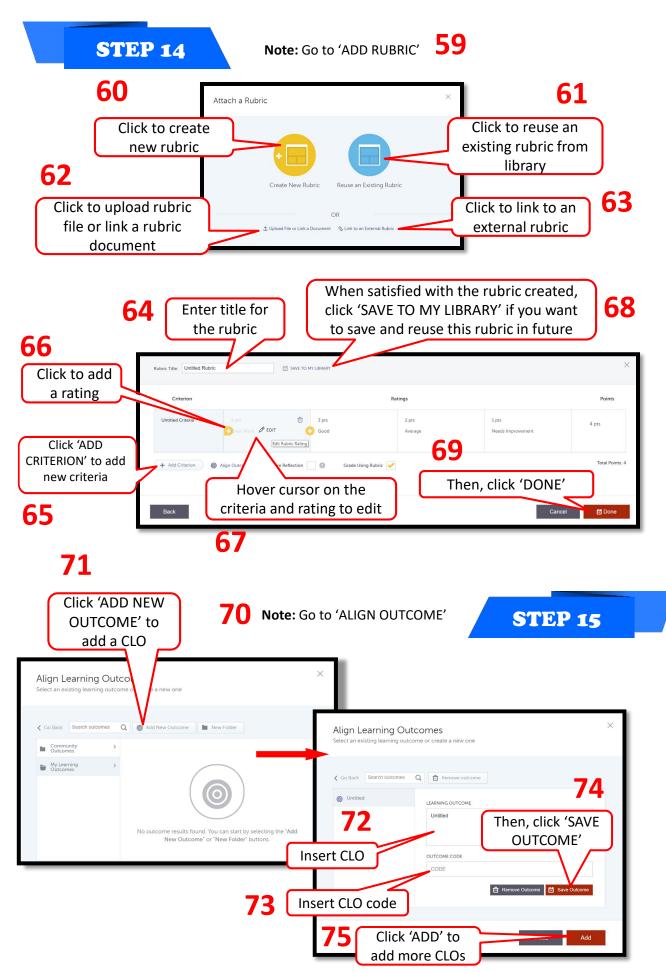


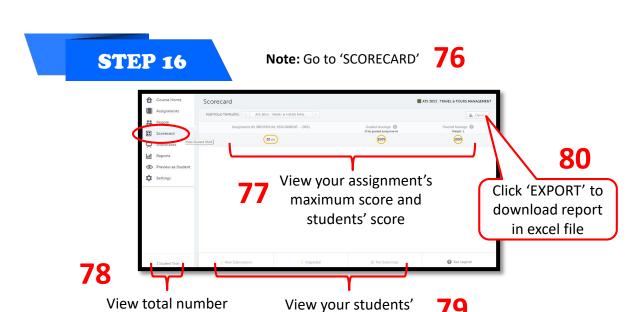
52 Note: Go to 'PEOPLE'

STEP 12





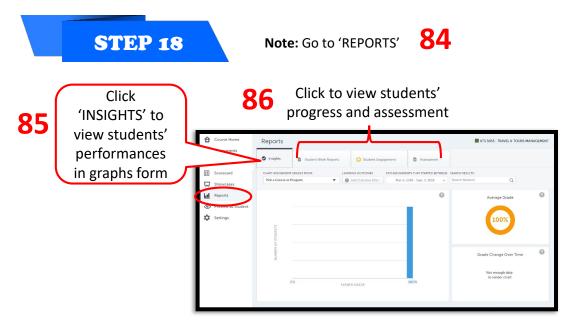




of students joined

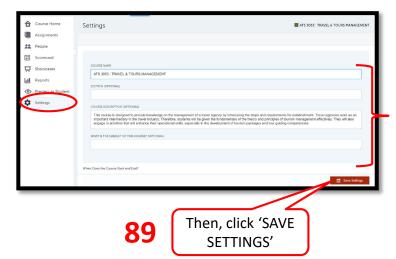


submissions record





Note: Go to 'SETTINGS' 87

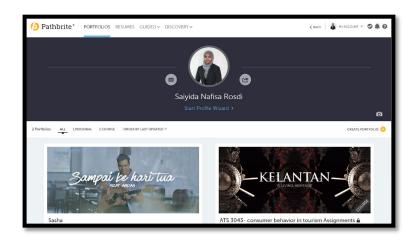


88

Fill in all the details required, scroll, and adjust the settings of the course

Go to https://pathbrite.com/snafisa/profile

EXAMPLE



BENEFITS

- 1. Developing digital literacy skills is a key to academic and professional success, and Pathbrite provides educators and students with a platform to strengthen those skills and document accomplishments.
- 2. It's best used in a classroom, and students will learn how to make a digital portfolio and will be able to monitor their learning progress.
- 3. Using portfolios promotes self-assessment and models the medium for making a positive impression in the professional world.
- 4. The drag-and-drop tools make the program especially accessible for a wide range of abilities and levels of tech fluency.
- 5. The teacher features are strong; teachers can deliver content, create interactive prompts and assignments, and assess student work with custom rubrics.
- 6. Beyond direct use with students, Pathbrite has the capacity to provide reports on students' work and grades that can be used for accreditation or curricular decision-making.
- 7. Easily integrates with a number of learning management systems, making this a flexible, robust tool for promoting and assessing student learning.



WIX

Create a stunning, professional, functional and free website and e-portfolio. Wix provides customizable web site templates and a drag and drop HTML5 web site builder that includes apps, graphics, image galleries, fonts, and other options. Users also may opt to create their web sites from scratch. Users can use mobile editor to arrange and adjust their sites for mobile viewing.





Go to https://www.wix.com/

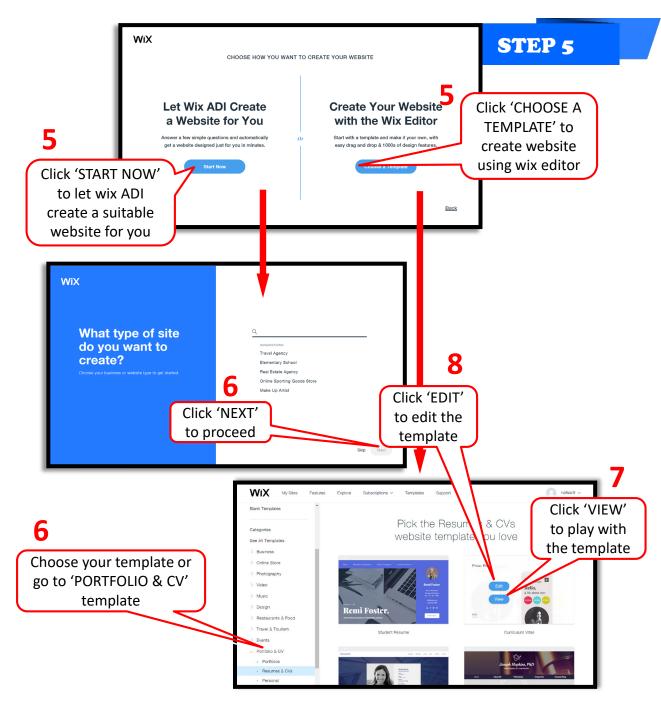


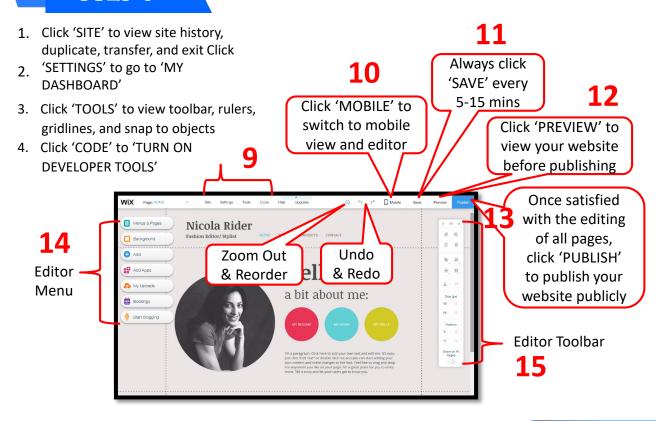


Note: Wix will automatically created your website address based on your registered email (e.g. nafisar9.wixsite.com/mysite)

Auto, based on Can be renamed nafisa.r@umk.edu.my in wix settings

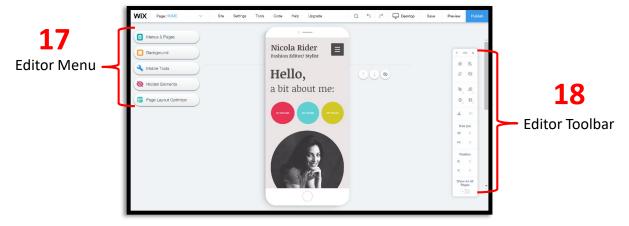




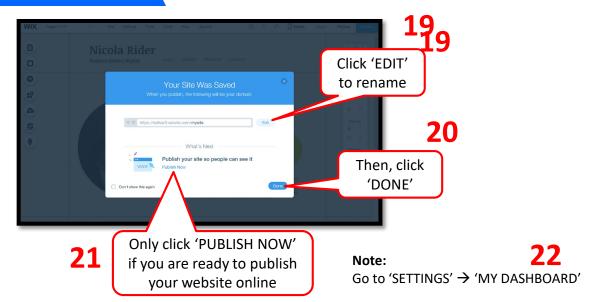


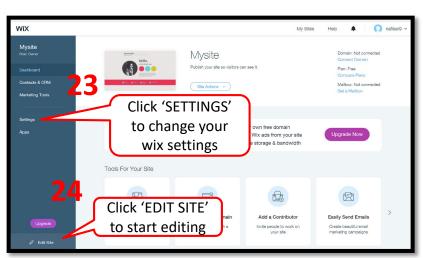


STEP 7



Note: Save your work and rename your website

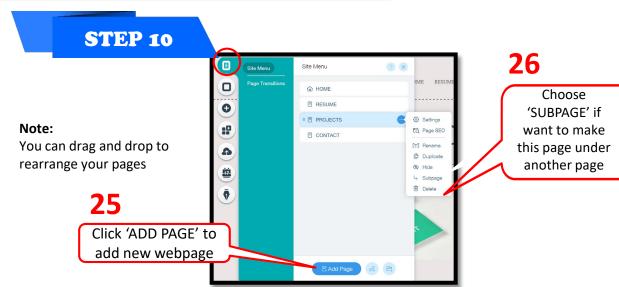


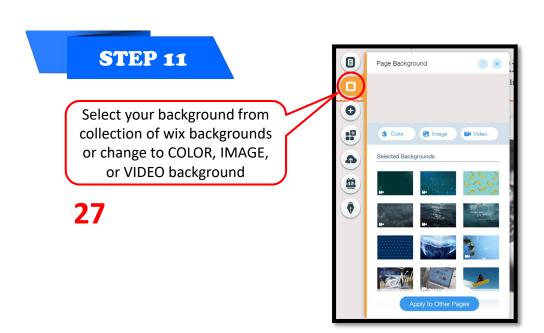


STEP 9

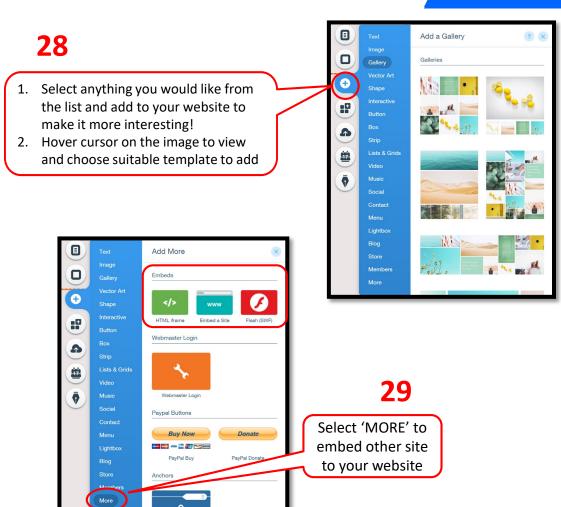
Note:

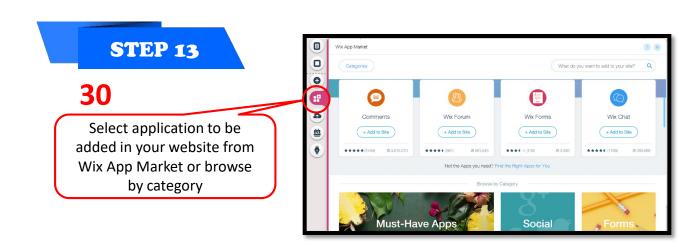
Every time you login, you will be redirected to your wix dashboard

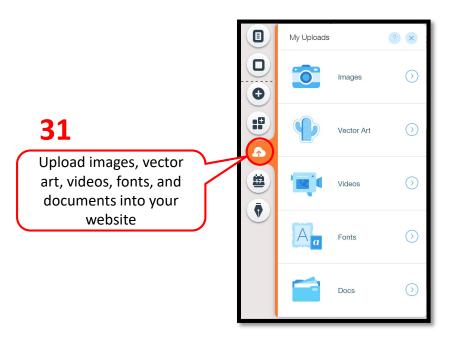












EXAMPLE

Go to http://snafisarosdi.wixsite.com/sasha



BENEFITS

- 1. Offers more than 300 beautiful templates for customizing pleasure.
- 2. Has a diverse App Market with premium and free add-ons to the site.
- 3. The free version offers complete access to all of the tools needed to build a successful website.
- 4. Easy drag and drop functions to build a web page.
- 5. Affordable, fast and decent designs.



Center of Excellence & Academic Development Deputy Vice Chancellor (Academic & International Office) Universiti Malaysia Kelantan

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