



E-ISSN: 2708-4469  
P-ISSN: 2708-4450  
IJAMCJ 2020; 2(1): 42-46  
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[www.masscomjournal.com](http://www.masscomjournal.com)  
Received: 08-05-2020  
Accepted: 29-06-2020

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## You Tube emerges as a teaching tool: A study of online tutorials

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### Abstract

A teacher is a person who helps students or other people to acquire knowledge and values. A teacher could be in a form of informal or formal, the point of difference their profession at different place. Formal teaching is carried out by paid professional's teachers. Prior to the modern technique teachers simply used black boards and chalk to write but now with the advent of technology many things have changed from teaching tool to teaching method. Contemporary teaching tool have changed from Black Board to White Board. Teachers used to use black boards to write something but now schools are shifting from black boards and chalk to white board and dry erase marker. In many places students have turned out from thick textbook to easily carry laptop that makes them more comfortable in contemporary time. This single gazette has placed much information into and provides up to date information at student's fingertips. In contemporary time, the latest development in education world is the fastest growing use of You Tube. This is a latest video sharing Web site where anyone can share any type of video of any kind. Different educational programmes, different subject related videos are running through You Tube. Institutes and university teachers are also upload subject related videos on this site and make students more informative and knowledgeable.

**Keywords:** You Tube, teaching tool, online tutorials, teaching methods

### Introduction

A teacher student relationship is not a new concept in the world of education. A teacher must know how to overwhelm a student through its different techniques of teaching and how to nourish them to provide all the necessary information regarding their surroundings. At the very early age (time of Ramayna or Mahabhart) we know teachers as a Guru, who gave all their vidhyas, gyaan or techniques to their follower students. There were no class rooms, black or white boards for writing something however there was a time of Ashram's where the Guru's have much communication skills through which anyone can get all the necessary information or guidelines as their guru's wanted their student to get. Next period has changed into a class room along with black and white boards, chalk and duster. Students get all the information not on verbal mode only but they also get it from in writing technique as well. And now at this age of Internet, education and its system has changed drastically. In this contemporary period of time, Teachers attitude, relationship with their students and their teaching technique has changed from black or white boards to social media like You Tube, Facebook, Twitter and Blogs. This is an era of technological advancement where everything is going to change into one single term is called internet, connecting all of us together or in Marshall Macluhan language it is turn out to be a Global village.

### You Tube

It is a video sharing American web site, headquarters in California. This site was launched in February 2005 by Chad Hurley, Steve Chen, and Jawed Karim. Google bought this site in November 2006 and now it operates as one of Google's substitutes. You Tube allow their users to upload, share, like, subscribe, add to favorite and comment on videos. Content available in this site is in the form of video clips, music videos, television show clips and documentary films, movie trailers etc. one more thing that has also been provided by You Tube is different educational based programmes. It came out to be a teaching technique for most of the people or student. In this technological era where everything has turned out to be in techno form and people becoming more techno savvy than why it is only the education let itself far away from this new era of technology.

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### Teaching tools

Over the period of time many of us experienced the growth of technology in the classroom. Students are more occupied by surfing the internet, chatting with friends on Facebook, commenting on Twitter and sharing or watching videos on YouTube. This new version of technology makes all the students busy all the time. Instead of taking notes and keeps busy in study they all are set for internet world. Teachers in classroom interrupt them by saying do not use gazettes during lecture this is not the time for doing this. However this is the time come where students are using internet, different sites for learning something. Teachers also provide notes, taking lectures through online mode.

The use of smart phones, gazettes in the classroom is no more a concern of wasting time because now teachers are also know how to use these technique to make student more knowledgeable. Teacher uses this technology for academic achievements of the students in a new and innovative way.

Below are some resources that teachers may find useful when attempting to implement technology into their classrooms, separated by 5 common areas that are increasingly important for teachers, and for an effective learning environment-Organization, Project Based Learning, Class Management, Presentations, and Assessment.

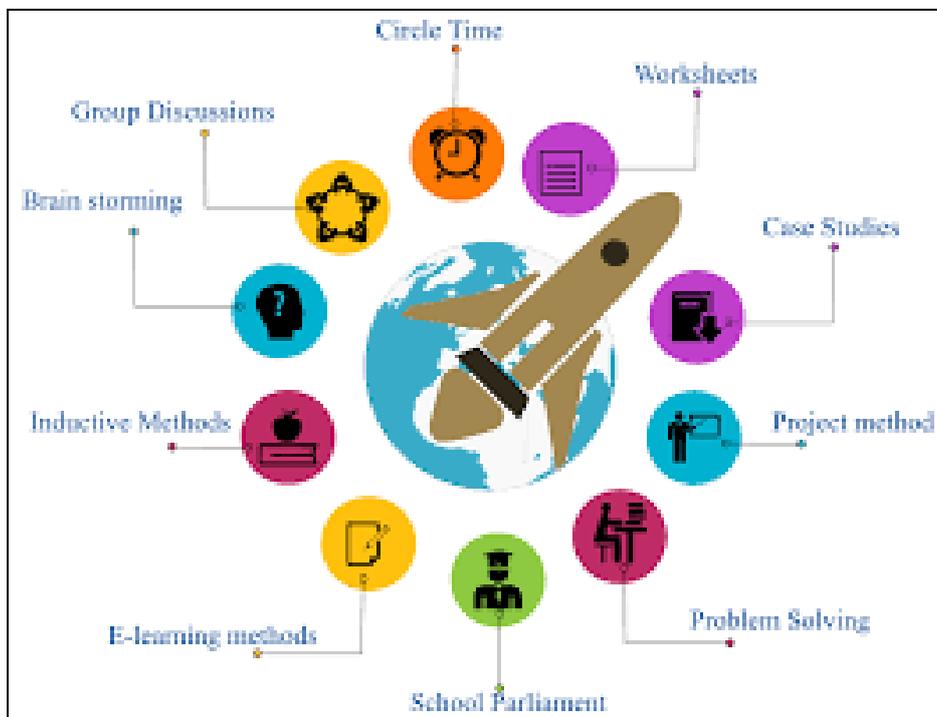
1. **Organization:** there is different organization that helps how to organize a class. For instance-Engrade, This innovative platform provides teachers with an all-in-one grade book that offers attendance charts, grade books, calendars, seating charts, behavior tracking, and more. The together teacher, on these site teachers can find multiple resources that will help them stay organized in their classrooms. Once registered to the site, teachers have access to lesson plan templates, to-do lists, sub plans, project ideas, and much more.
2. **Project based learning:** sites that helps in project based learning are Glogster EDU, is a global education platform that empowers student and educators to create interactive online posters that include text, photos, videos, graphics, sound and much more. Glogster encourages students to take control of their own learning in a fun way by promoting independent thought, creativity, critical thinking, and problem solving. Glogster also provides teachers with strategies to implement curriculum into projects, promote skill mastery, facilitate digital literacy, and encourage innovation and collaboration. Another one is Dipity, Through Dipity, students can combine images, photos,

text and other media into a visually stimulating, interactive timeline. This is a great tool for students to creatively map out past or current events, add desired media or effects, and present them in a seamless, fun slideshow. There is much more sites like SonicPics, myHistro etc.

3. **Class management:** Edmodo is a social, facebook style platform that allows teachers outside classroom discussion, check for student understanding and make student excited about their upcoming class to learn. Remind 101, is a simple and secure way for teachers to send mass text messages to the students and parents without interrupting their privacy. ClassDojo is a tool for teacher to improve classroom behavior instantly. Teachers reward their student for their good behavior in the class, which they receive in real time on their smart phones and laptops.
4. **Presentation:** regarding presentation there is an app called Brickflow where teachers and students can make presentations using content collected from social media. By searching the web through hashtags, teachers and students have the opportunity create a visual summary of a topic, building stories with content from Instagram, Twitter, YouTube, Tumblr, etc. Empress is an easy to use presentation generator that allows users to easily incorporate flash and other media into their presentation.
5. **Assessment:** this tool contains class Maker site through which teachers can create secure online quizzes and exams that features multiples question types such as multiple choice, short answers and essay. Testmoz, this is free test generator, offers multiple question types, automatic grading, detailed reports and a simple design. Mentimeter enables teachers to send questions to the students and allow them to instantly vote on them or send feedback through mobile phones or laptops.

### Teaching methods

Teaching methods comprises methods used by teachers to enable student learning. Teaching strategies depend on the subject matter. Teaching method will adopt according to subject need. In today's education system the trend is that it encourages a lot of creativity. It is a known fact that human advancement comes through reasoning. This reasoning and original thought enhances creativity. So keep in mind this creativity and make a lesson more entertaining or understandable teachers need to choose a method according to that.



In the above diagram different teaching methods are showing that can help us while in a process of teaching. With time passes creativity comes out with its top priority and this also applies in the process of providing education too. This diagram shows different method of teaching separately but because our topic is concern about online (YouTube) mode so we will discuss online teaching method that's E- learning.

E- Learning is a process of learn something from electronic mode. In simplest form e-learning is a use of technology that enables people to learn anytime or anywhere. This has characteristics like providing online training programmes, seminars, presentations on concern topic and more things what we need at any time. It could be in a form of in or out classroom. For instance, teachers provide online content or video regarding any topic in classroom or any student who find out content or videos regarding his or her subject online on YouTube. In contemporary time, not only students, teachers are also connected with the online mode like have their own blogs where they write for their students regarding what they teach in the classroom. Provide full information or explanation regarding particular topic on his/her blog. Few of them are also using twitter and ask their students to comment or sent their thoughts on particular topic. Such activities on online are growing rapidly by teachers and students. Learning process enhanced by the online mode is growing in a fast pace.

**Online tutorial**

It is a self-study activity which is designed to teach specific learning outcome. They earlier delivered lecture via Blackboard but can also be made available via the Internet. There are two types of online tutorials called Recorded and Interactive.

1. **Recorded:** these are recorded videos on related subjects. A subject expert presents his or her lecture through online mode, it is a pre-recorded presentation video, demonstration or ideas.
2. **Interactive:** these are kind of tutorials structured as

collection of navigable web pages. Individual pages can contain any combination of text, images, audio, video, self-test questions and other interactive activities. Interactive tutorials can also contain screen casts. Both types of online tutorial can be provided as supplementary learning materials or as an integral part of a core activity, e.g. a prerequisite to attend a time tabled seminar. Because of the benefits they offer, online tutorials are becoming common place within both programmes of learning and on a number of support service web sites.

**Usage of online tutorials**

- **For distance learning:** Through online mode students who pursuing their course from distance mode can take lessons from online. They can watch video regarding his or her topic and get all the information on lecture format.
- **Online course:** As most of the people busy with their work and for any reason are not able to complete education regularly, have a mode of getting online classes or courses.
- **Competitive exam:** Through YouTube students get their competitive classes and get all subject based information online. This site is covered with all the subjects like science, geography, language or many more.

**Analysis of YouTube as online tutorial**

As we discussed above what the YouTube is all about. This is an online video sharing platform allow users to share, comment or subscribe video. With the rapid growth in technology and the advancement of learning system, it is involved by the masses. Computer innovation is the basis for this new rapid innovation called online revolution. With the passage of time we become techno savvy and all this innovation has made us more dependent. Devices like smart phones; laptop has an important place in the classroom or at our places to learn something.

**Educational benefits of You Tube**

If anyone will use this site appropriately it can be a powerful tool for motivating students, enhance their capabilities of learning as well. You Tube is being highly used by educators in different parts of the world. This site also provides online space where students can also show their own work to the world.

Now day’s students can easily get what they want from the availability of the You Tube. Students are more engaged through visually stimulating videos and presentation. Example Ted talks. Educational lessons are easily shared across the globe; students can upload their own videos to demonstrate understanding. Students or the whole classroom can create video replies to each other.

**Use of You Tube in the classroom**

The use of You Tube in the class room could be in different ways. It can help teacher to explain its topic more clearly, it can help a student to learn something more firstly and it can show many demonstration which can be fruitful for the entire student.

▪ **Bring Videos that make a lesson more entertaining or funniest**

There can be certain lessons that make student boring or it is hard to cover up equally for the entire student in a single class. For this concern many lessons can be enhanced by providing something visual and more entreating that speaks

to the subject you are teaching. These techniques will also helps to break up the monotony of a lecture where without any demonstration or entertainment single verbal lecture is enough to teach a subject.

▪ **You Tube playlist as student assignment**

In a class room every student has different characteristics and their learning capabilities are also different. Some students are learn better by watching than reading so in this regard it would be a good option to create a playlist of different subject and send a link to their student for viewing it.

▪ **Records class room lectures and save them for future concern**

You Tube is becoming a place where you can put all the information or lecture you recorded earlier and can also share with anyone through online mode. This will make all your records save for future concern whenever you or your student’s need it can turned out to be open it.

**How teachers are using You Tube**

What will be the best way to explain the benefits of you tube than by using a video? this one showcase how Roxishayne , 9 grade social science, arts teacher at Richwood high school teacher uses the video to build exciting learning opportunities. This video is beneficial for those who



**When it comes to the point of education**



**No. 1 tool for 2016**

This video site has become no. 1 tool as a key learner

resources and a place for anyone to share their own video content. Here, we are presenting a table that will show overall ranking of the You Tube from 2007 to 2016.

Website	Cost	Availability
www.youtube.com	free	online

**Past Overall Rankings**

Year	2015	2014	2013	2012	2011	2010	2009	2008	2007
Ranking	2	3	3	2	2	2	3	18	22

Top 100 tools for professional and personal learning	Top 100 tools for workplace learning 2016	Top 100 tools for education 2016
2	2	-1

Jane Hart of the centre for learning and performance technologies compiled the top 200 tools for learning 2016 from the votes of learning professionals worldwide. This list was published on 3<sup>rd</sup> October 2016.

The above table shows how technology changed the overall

performance of a learner and a teacher drastically. From 2007 to 2016 You Tube ranking has changed so far. In 2007 its ranking was 22 which may shows people not so concern or aware about the technique that time but last 2016 shows that people may connected rapidly towards internet and they

know how to use the technique for their present benefit. Many videos in You Tube are academic and professional in nature when used properly will reinforce class discussions and engage college students due to the images and audio used. Videos on you tube provide new materials to the students with entertainment, videos incorporate humor. "I have used videos from YouTube for marketing, management, and entrepreneurial courses and students found them interesting, informative, and funny. Many will ask if video will be used again in future lectures because they were excited about what the video brought to the discussion. I, too, like the excitement this visual aid brings to the classroom. It can be energizing not only for the student but the professor as well. After all, who likes a mundane, redundant process each day? The classroom shouldn't be so. It is a place where learning, engagement, and creativity is born and dwells. It should be an exciting place to be. Videos give classroom discussion that extra something to keep the students enthralled in their environment. Ultimately, videos assist in the learning process through student engagement. Plainly stated, this tool works" (by Michelle Harris, using you tube to enhance student engagement).

### Conclusion

E- Learning has proved to be the best means in the educational sector. As we showed above the data that also proves education through you tube has come at no. 1 rank. When educational training programmes conducted by teachers for students across the globe are able to acquire important lessons while sitting far away from the class room. No doubt, we must forward non electronic teaching through books, by taking lecturs, however we cannot take the importance and effectiveness of electronic teaching lightly. It is believed that when human watches and hears something together can remember that for a long period of time. This method is also adopted by the government for creating awareness among people to learn and remember for long.

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