

Micro-Lectures Enhance Student Engagement In Learning

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Abstract: The traditional, hour-long teaching mode that is so well-known to on-the-ground students has a little spot in a web-based learning condition. Nonetheless, a shorter and more firmly engaged micro-lecture can help to draw in students and add a media punch to a course. Psychological science demonstrates that students have a restricted limit concerning learning, as far as the time and preparing various stations of data, making it essential that course substance is conveyed as compactly as could be allowed (Clark and Mayer, 2008). This research paper explores the influence of micro-lecture on the learners in the context of China, as shown by these following objectives. Students are encouraged to learn a vast ocean of knowledge via micro-lecture. Students are expected to arouse learning interest and improve students' engagement in classroom activities. Students are expected to expand their learning content and cultivate self-learning habits during the class session. It brings significant benefits to students, lecturers, and education quality management to keep pace with times in educational reform.

Keywords: Engagement, Micro-lecture, Student learning

1. Introduction

Micro-lecture (bits) is primary sight and sound introductions that are 90 seconds to five minutes in length. They centered around a particular idea or aptitude related to the course's learning destinations. Miniaturized scale talks enable students to receive guidance on a specific purpose or ability they have to rehearse. PowerPoint can be utilized to give the structure of the miniaturized scale address bit. Using PowerPoint as the structure, teachers can create content for each slide or idea. PowerPoint can likewise go about as a storyboard for one's content. Scripting gives an approach to arrange considerations and ideas to guarantee that critical ideas are not forgotten about it (Liu & Wang, 2013). The traditional instructing model characterizes the study hall as the primary position of educating, where the instructors pack grant learning to understudies in the method for aggregate teaching though, during English perusing instructing. A lot of words and sentence structure included are hard for understudies to ultimately get a handle on because of the dissipated copious information. Precisely, in the conventional showing mode, 40 to 50 minutes' study hall instructing substance or yield cannot be assimilated and rehashed botches by and by because students try in this way accomplishing no impact and their learning eagerness are lost (Li, 2016). In comparison with the traditional instructing model, the utilization of learning advancements, especially sight and sound, gives new chances to understudies to learn, openings that are unrealistic with other media. For instance, the utilization of the World Wide Web and interactive media PCs (and additionally VCRs) empowers studies to view addresses either in PC labs or at home, while schoolwork assignments should be possible in class, in gatherings. The general standard is to give a menu of alternatives to the understudies to use in learning (Ling, 2016). With the widespread application of high-tech technology in education, micro-lectures show incomparable advantages in improving teaching quality, which is considered as the innovation of educational technology. First and foremost, the learners have access to the video of micro-lectures without the limitation of time and space, which brings convenience to the learners. Also, it is the enrichment to and expansion of the learning environment, which creates a positive learning atmosphere.

2. Micro-Lectures

2.1 Technology via Micro-Lecture

Micro-lectures were brought into formal instructive projects a few years back in China. From that point forward, the short video cut, concentrating on explicit purposes of information, and utilizing best in class configuration, has been made open on learning stages and are relevant in the mixed and versatile learning design. An increasing number of college scholastics have examined and acknowledged the miniaturized scale talk. The researchers and scholars in China focus mainly on just two components of miniaturized scale addresses (1) video assets, for instance, the advancement of small scale address assets and the imaginative plan of shorter scale talks and (2) the use of systems and the proficiency of lower scale address assets in instructing (Rees, 1980). In contrast to different types of instructive assets, miniaturized scale talks coordinate the content, various media segments, and multimodality into homeroom educating and break the random assemblage of information into progressively extravagant pieces to advance students' advantage and improve their comprehension. Also, on account of their bit of leeway of being in little bits, smaller-scale talks can be effectively transmitted, downloaded, and replayed in an assortment of omnipresent hardware. The small scale talk introduces the likelihood of changing the learning methods of the net age (Wallace, 2017).

2.2 Learning Content

Learning content is deliberately designed in integration into the teaching video in a short time. The learning bolster administration included web-based coaching capacities, including learning instruments, synchronous and offbeat web-talks, different orders of training exercises, input from friends or the speaker, peer participation, and related learning assets. Divided learning content which deceives student in developing significance can be kept away from. Simultaneously, to limit the hole among formal and casual learning, the learning bolster administration needs to improve the utilization of open devices in synchronous and offbeat online correspondence between the speakers and understudies (Lee, 2014). Taking in the executives originates from both the

speaker and online friends. The student participates in the group discussion and builds teamwork with friends, changing their learning pace as per their time plans. In contrast to the traditional learning plan, mixing learning gives adaptability to learning time, which improves the administration of education. They conceded that, before the appropriation of the miniaturized scale addresses, they believed that the conventional assets (course books) were ‘exhausting’, had ‘an excessive number of new words’, were ‘difficult to comprehend’, and ‘left nothing in their psyches subsequent to perusing’; and they were ‘frequently diverted’ and here and there couldn’t locate the reasonable apparatuses or ventures to learn (Li, 2016). As seen from Figure1, micro-lecture is integrated into the learning cycle stressing on purpose-oriented and active interaction between teachers and students in the process of the online and offline learning environment.

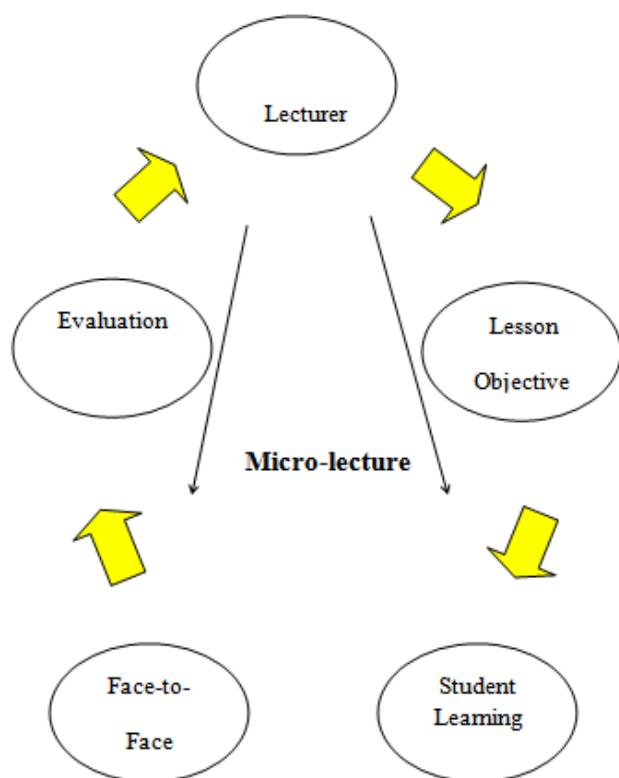


Figure 1: The integration of micro-lecture into learning cycle

With the smaller scale talks incorporated into the course, learning ended up engaging, connecting with, and fun. Micro-lecture depends on information-oriented, and video teaching could direct them to rehear, and the screen assists them with finding the particular area of the information point rapidly. In their opinion, these smaller-scale talks could help them to make full use of their available time to study without needing a square of time for planning (Lee, 2014). Learning content is demonstrated dynamically for the purpose of effective learning, which also makes changes to the learning environment.

2.3 Learning Environment

In the traditional methodology, the guidance is given in the homeroom. At present, learning is a formal training program, in which a student learns at any rate to a limited extent through the conveyance of substance and guidance by means

of advanced and online media with some component of student power after some time, spot, way, or pace. While students are still going to “block-and-cement” schools with an educator present, face-to-face homeroom techniques are joined with PC intervened exercises. Besides, learning is utilized in the expert improvement and preparing settings. In this way, the development of the learning model exists on the communication between up close and personal educating and internet learning, through constant complete assessment, and bit by bit accomplish the impact of superb instructing and learning (Zealand & Americans, 2007). Even though it isn’t of great use for the instructor to assume the main job of educators’ direction, move and screen the showing procedure, it completely mirrors the students’ drive, eagerness, and inventiveness as the fundamental body of the learning procedure. Students complete the self-ruling learning in the system encouraging stage as indicated by the smaller-scale recordings instructor plan before class and disguise the information through the investigation and routine with regards to extend in the classroom. There is no denying that the role of instructors has transformed into the entire procedure. Another training model should expand on present-day data innovation, especially organize the change to guarantee college gaining free from time and spot confinements, which incorporate into those classes in order to encourage understudies to conduct independent and individualized learning. An increasing number of the colleges in Mainland China have taken mixed media study hall guidance, which joins with the rise of smaller scale talk brief the rapidly expanding number of miniaturized scale addresses (Sweet, 2014). The broadband-associated World Wide Web enables understudies to acquire knowledge without any difficulty and viability. Also, the rapid development of innovations offers scholastics and instructive establishments new alternatives that empower them to explore different avenues regarding the most appropriate blend of instructional methodologies and learning environment. With the dynamic refreshing of learning assets on a continuous premise and the help of new sorts of association among understudies and instructors, the application of advanced technology into the classroom teaching has beaten two of the difficulties in customary separation training (Cai & Li, 2015). Meanwhile, this makes a brand-new learning domain and produces an assignment situation or targets which rouse learners’ thinking. Through the video cuts, the foundation of learning can be made which gives dynamic models to pretend. Inside a ceaseless timeframe, the understudies are required to collaborate, bring up issues, and look for answers for them by utilizing video. This sort is planned to enable the student to direct profound learning and upgrade their ability for the request(Cao, 2017). It can be proved by Lewin’s Equation, which analyzes the relation between behavior and environment. Behavior (B) is “a function (F) of the person (P) and of his environment (E), $B = F(P, E)$ ” (Lewin, 1946, p. 791). This formula indicates that behavior depends on the person and his or her environment.

2.4 Student Engagement

About the instructional structure of “smaller scale address”: Whether a “miniaturized scale address” can accomplish the typical point or not relies upon the instructional plan. The training technique of this class, for the most part, centers on the presentation of this new exercise, the teacher’s educating and the synopsis of the lesson, three angles. The educator in this part is very mindful so as to utilize four trials in the

introduction. Nonetheless, “small scale address” doesn’t permit adequate time contrasted and the customary class. It is required to abbreviate the season of the opening, so one examination is selected as the presentation of the new exercise. The test is that a cup is secured with cardboard with all the freshen up and loaded with water. At that point, students are required to think about what will occur after transforming it. After each student wraps up, the instructor will make the move and demonstrate the marvel that the cardboard won’t drop and the water won’t spill (Ying, 2016). The vivid and short teaching content on this experiment will leave the learners deep impression on knowledge points, and it encourages the students to lead to deep thinking. At present, a great number of educators have applied micro-lecture to their classroom instructing, as far as them this smaller scale talk resembles their very own showing shadow and regarding students whose instructors, thusly, become their learning shadow. In the meantime, the utilization of miniaturized scale talk diminishes teachers’ trouble in exercise arrangement and study hall instructing, and instructors will invest more energy taking an interest in students’ learning, and this can likewise limit the separation among educators and understudies. At the point when the issues found in the shadow video during the showing procedure, educators can quickly suspend and address the problem in time. Furthermore, educators can initiate the students to derive different things from one truth. As an illustration, educators can deliberately devise the miniaturized scale talks, and leave students some opportunities to decidedly think whether some other wonders likewise demonstrate the presence of barometrical weight (Lu, 2016).

2.5 Cultivate Students’ Self-learning

There are numerous means of micro-lecturer, including task-driven, issue arranged, helpful request, criticism connection, well ordered, guidance and illumination, learning fortification, trial showing, employable investigation, clarification and examination, thinking and figuring, question settling, looking through the shortcoming, treating individual in an unexpected way, with unequivocal articles in instructing, utilizing something keen and consistent with life, educating strikingly and clever, information clarification and give direction in critical thinking, and so forth. Educators could adaptably make good use of the suitable technique or join different systems together as per miniaturized scale talks’ needs (Pollard, 2015). So far, there are two different ways to deliver micro-lecture in universities. One is the expert group who uses the expert hardware, and another is instructors who utilize their screen recording programming. With the advancement of course development, video exhibits exercise, and fine assets. Most schools are furnished with an expert prerequisite of miniaturized scale address creation with expert shooting hardware, after generation group, and even proficient photograph studio, what should be express is the key that small-scale video teaching is as yet substance and innovation could just serve the substance. Thus, instructors should adventure screen recording programming to record each phase of the micro-lectures (Inprasitha & Education, 2015). It also poses a challenge to the teachers and educators in the lesson design and technological convergence.

3. Conclusion

The reason for the utilization of micro-lectures is to improve teaching quality and serve students learning. It also helps to accomplishes students’ independent learning, and teachers’ individualized educating, and it likewise inspires students’ enthusiasm for learning and advances teachers’ proficient operation in high technology. As a result, the majority of the instructors show a keen interest in the advancement of the miniaturized scale lesson, and the educators grow superb smaller scale address assets that depend on improving their training level. On the other hand, it is of considerable significance for students to direct self-governing learning by applying the miniaturized scale address. After students see a micro-lecture, it stimulates students’ interest in exchanging ideas. Two inquiries propose with regards to the substance of the micro-lecture. One research lies in the physical institution that may be replaced by massive online teaching. Another question exists the self-learning on miniaturized lecture hinders the interpersonal relationship; even reduce the chance of human communication. Admittedly, the new teaching modes, micro-lectures, have fundamentally transformed the traditional pattern. The educators make the best use of its merits such as its mobility, and cyclic utilization; however, its weakness cannot be ignored like over-dependence on the electronic devices and less face-to-face communication among group members.

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Author Profile



Bing Li received the B.A. in Applied English in Fujian Normal University of Fujian in 2005 and M.A. degrees in TESOL in De La Salle University(DLSU) in 2008. During 2005-2008, I took a teaching job in Chiang Kai Shek College and did in-depth research on how the students acquired the foreign language and switched the language code flexibly in different contexts. I now work at Zhejiang Yuexiu University of Foreign Languages.