ROLE OF MULTIMEDIA TECHNOLOGY FOR THE ENHANCEMENT OF STUDENTS CREATIVE THINKING ABILITY

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Abstract

In Present Education system the need for creative thinking arises because our brains naturally tend to fall into certain 'Short Cuts'. Once we have a piece of information ,We tend to use it again that's how we learn . This has huge advantages for example , it means how to use a knife and fork every time we eat but it also has some disadvantages , in that we tend to stop thinking about things that we do , see or say regularly . Beyond format thinking of children it is important to provides them opportunities to think more creativity on a routine basis. Multimedia Approaches helps a lot for the development of creative thinking ability. Through Multimedia Approach you can do to help yourself think more creatively on a routine basis spreading your social wings to get to know a wider and more diverse group of people , embracing new online opportunity and trying new things. Through the help of Multimedia children can be more engaging with art, theatre and music. Overall there are huge benefits to learning to improve your problem solving ability, and also help you to see others perspectives. In an increasingly global world, broader horizons and an ability to think more widely is never going to hurt . Twentieth century was known as an age of Science where as Twenty first century has been given the title of an age of information technology. In 21stCentury Multimedia is one of the greatest Source for development of creative thinking ability in people and Specially in students under the category of Multimedia different type of media used for the different purpose like mouth media, Print media, Mass media etc. . In the present age of advancement and technology, this type of media is very essential and useful for the enhancement of creative thinking ability in the students. Itis only through the use of Multimedia technology we can make students able to learn a large number of ways with a large number of different things Multimedia technology is not limited to any single type of learning like traditional method creative is majorly related to the exploration of new ideas and thought creative thinking ability is a peculiar quality of students personality . This ability can be enhance through Drawing, Writing, Singing , Dancing , etc. . In present time there are various Source like Blogs Cartoon, Comic , Strip tools , Mind mapping , info graphics , Audio visual material . Which are very useful for the development of creative thinking ability among them. Key Words :Multimedia technology, create thinking Ability, Secondary level Students etc.

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Introduction

Multimedia Technology is one of the major invention in the field of learning. It is regarded as a component of creative and active learning strategies. This advance technology motivates the learners towards their learning outcomes to develop their interest in divergent thinking and also make a clear map of many things in their mind Multimedia finds its application in various areas including Art , Education ,Entertainment , Scientific research and spatial temporal application . As its name suggests it is a Multi medium way for the development of creative thinking ability in thinner personality of the young learners . This technology develop young learners technical analytical and creative skill various studies conducted in India and abroad too are shows that Multimedia and computer based teaching influence students creative thinking ability than any other traditional method of teaching . In present scenario Multimedia has become a huge force in human culture and society . Multimedia is nothing but any kind of media or objects through which we can receive information from television to magazines to web pages to cinema . In day life all the social sites like Facebook , WhatsApp, Twitter, Hike , Instagram etc. are come under the category of Multimedia Technology Students have an inner interest in all the social media because they are one of the ways which makes them interconnect and share their fellingandideas.

Origin of Multimedia Technology - The term Multimedia was first time coined by an artist Bob Goldstein Multimedia is generally a mixture of various media like Sound Graphics text , Videos, animation web etc . In present century this technology covers all the fields of human life like – Business, Trade, Medical, Science, Art, Culture etc. It is proved by the studies that with the application of Multimedia technology the, fields of Education becomes much better according to the needs of the learners.

In present scenario Multimedia has become a huge factor in human culture, society, Education and industry etc. Multimedia Approaches are nothing but any kind of mediator sources through which we can receive information in a digital manner from television to computer, from radio to social sites, from projector to cinema hall etc. are the most powerful source of Multimedia Approaches. Multimedia Approaches become an inseparable part of men's personal and professional life. Multimedia Approaches are very helpful to join the people in a knot through social sites like Facebook, whatsapp, twitter, hike etc. according to their need with in minimum time duration.

Concept of Creative Thinking Ability– Creative Thinking ability is a term that is used for the exploration of new ideas and thoughts. Which are different in. Some way from previous thought ideas through various activities like drawing, Writing, singing and Dancing. Every learners have his creative thinking ability in his own ways. In the field of Education we can say that creative thinking is the heart of whole learning process .Positive creative thinking ability plays a very

important role in the improvement of students achievement and living standard. New innovations of ideas makes Children concept easy and interesting creative thinking ability always fuse on create. Something new in its core cognitive Psychologist Jean Piaget Once said, 'The Principal goal of Education is to create man who is capable of doing new thing no Simply repeating what other generation have done'. Whether in school or out, creativity seems *to* flouri*sh* best when the creative activity is its own intrinsic reward, and a person is relatively unconcerned with what others think of the results. Whatever the activity composing a song, writing an essay, organizing a party, or whatever it is more likely to be creative if the creator focuses on and enjoys the activity itself, and thinks relatively little about how others may evaluate creative thinking ability is basically that ability in which a child look at things differently , and find new ways of solving problem. Creative thinking , therefore is the ability to think differently to see the problem or issue from a new angle or perspective. This often allows you to find a new situation , or event see that the problem does not necessarily need a solution.

Role of Multimedia technology for the Enhancement of Students Creative thinking ability- The Advancement of Multimedia Technology in present time is very beneficial for the enhancement of creative thinking ability it Students to Express themselves in ways they had never been able to before . Now a days we need to start seeing technology no Simply as information machines but also as a new medium for creative design and expression . The more students learners about the ultization of technology the more creative they become. Multimedia technology . Which is Something that students love and use the most can be of great help to using this endeavor and here's how various Multimedia technology tools help to enhance students creative thinking ability . There are various kinds of Multimedia technology that play a vital role for the development of creative thinking ability among Schools learners we can discuss them one by one –

Blogs – Blogs are a great way for the development of creative thinking and writing ability in students . Blogs provides freedom to learners to post whatever they want and comment upon or share each others material according to their need. It is Blogging that makes students feel responsible for their own learning and they are encouraged to incorporate creativity in their learning through them Which they could not do before.

Some main blogging platform for teachers and students are – Edu blogs, Blogger, Word Press etc. There are various studies conducted on the use of Multimedia. Which proved that this advance Multimedia is an enormous Source for the development of create thinking ability. **Quai Faryadi (2017) from sains Island university Malaysia studied on the effectiveness of Facebook in English Language Learning** by the result of this study itis shows that Facebook is very helpful for the improvement of students proficiency in English in creasement in their . Vocabulary and terminology enhance their comprehension Skill and Critical thinking ability.

Cartoon and Comic Strips Tools-Students love cartoons and comics we can tell this right from the shine in their eyes whenever teachers introduce Such material into their lesson Plans, Students automatically get engaged more than ever . So why not introduce students to a set of free and friendly tools to empower them to create their own comic strips or cartoon animations. It is also noticed that learning becomes fun when students willingly involve and enjoy whatever they would like to learn through cartoons and comic strips tools. In present digital scenario there are various learning apps and activities in social media which gives content in the form of cartoons based stories for the effective learning, so it is also helpful to enhance their creativity level in early childhood period.

Mind Mapping and Brain Storming Tools -Brain storming encourages the students to think out of the box of creative . It is proved the study that Brainstorming when used with advance technology becomes much more easy and understanding with active engagement to the students . Children can use a set of easy and free tools to make fantastic mind maps and visual graphs to illustrate a topic or a concept . These tool boost their creativity and provide them with different ways to interconnect their thoughts , Spider , Scribe ,Wise , Mapping , Cart tool , greatly etc Some free mind mapping tools for students . Abdullah Nasar Mohammad Almutairi 2015 studied on The effect using Brainstorming strategy in develop Creative Problem Solving , Skills in male students in Kuwait . It is concluded by the findings of the study that Encouraging Tutors and teachers to use brainstorming strategy in teaching in the Schools develop a creative thinking ability Skill among students in Comparison to the traditional Classroom teaching. Where is only focused upon the teacher not on the students

Info graphics– Info graphs represent data in a very Catchy way so they loved by all by the use of info graphs students can create awesome graphs , which makes the interpretation of information easier and quicker . They can employ their creative and imagination to create an info graphic about a topic , Concept or anything they want . Infographics are one of the best creative tools for Children . In fact , studies have shown that including Visual makes information easier to remember , and your message are received quicker than through text alone . It s not surprising that info graphics have extended for beyond the marketing sphere to arenas. Such as teaching and the media.

Video and Audio Material- There are many easy to use Video and tutorial creation tools that students and teachers can use in their teaching and learning Children can create their own Videos and Share them with their Class, Which can be a great opportunity for them to develop their creative Skills . Audio tools are also Significant, Children can create short embeddable audio Clips using them. They can record it and share it with their mates on the Class blog or school websites. Jing, Comstudio, MP3etc. Some audio– video recording tools for students. Aman Shams , Asfia Khanam and shagufta Imtaiz (2016) studied on the impact of Audio – visual Aids and Graphic organizers

on the writing Skill so fESLLearnersatAMU+2Girls? (Dept of English Aligarh Muslim University, Aligarh)

This study is an analysis to illustrate the importance of a smart Classroom in improving the writing of ESL learners . This study looks at the use of audio –visual and graphic organizers in a writing Classroom Particularly with respect to how Multimedia resources may be utilized as a pre-writing activity which could help in improving the quality of writing . The results showed that such Conditions of audio visual and graphic organizers in composition Class can work as a good aid to improve the writing of ESL learners and can also motivate them to towards learning and writing in the second language.

Digital Storytelling Tools & Games – Telling a story is a powerful way to communication with others. It improves the creative Skills of students and helps explore the meaning of their experience . Students can create their own digital stories with many available free tools namely, Story, Bird, Piclit, Slide story and more.

A study conducted by Suresh Babu in 2016 on the title development of Multimedia Learning Program me linked with websites learning Facility at school level or History Subject .It is find out through the result of the study that the teaching .Which is based on Multimedia technology is more effective than traditional method of teaching .It is beneficial for the motivation of Self- learning concept of Students and increased their academic achievement in history Subject.

Games– Games have incessantly proven to be one of the best ways of promoting Co-operation and creative Educational games keep students engaged with their study ignite the inter active and imaginative element in their thinking and mould it towards creativity Games have become a must to be include element in education. The example of Some educational games are Capital Penguin, Grammar, Gorillas fun Brain- com etc.

Suggestion & Salient features of Multimedia Technology- Multimedia is a term that is used for the multi- medium Source for information we all are surrounded by multimedia is our day to day life . Multimedia Technology have two important aspects which is software and hardware . There are various Salient feature of Multimedia technology like.

(1)   In teaching learning process Multimedia makes us free from. Some boring task were not longer a passive audience , we can control and interact with others according to our need and time .

(2)   In the process of interaction it plays a very important role in today s Society ,Multimedia technology has Animation , Music , Video etc. which attracts the people very much.

(3)   In the field of concept understanding it make learning object very easy to understand in comparison to any other interactional strategy . There are many Schools, Collages and university in India or all over the world where this Technology used for Education purpose.

(4)   It makes learning more active and easy for all the students in comparison to the Traditional method of teaching.

(5)   Multimedia Technology also provides the opportunity for the development of creative in students personality. It allows them to do what they want without the instruction of teacher.

(6)   Multimedia technology enables the students to learn how to use computer programmed create interactive presentation materials.

(7)   The Sound Knowledge of Multimedia approaches help Students in every field of lifelike– Education, Business, Entertainment, Journalism, Medical, Engineering etc.

 No doubt this Advance technology plays a vital role in today s Classroom and teacher learning process but a teacher have to take. Some proper ideas before using it.

(1)   Before using Multimedia content the teacher have to make sure that is helpful in empower students to create and design their ideas rather than absorb representations created by others .

(2)   It improves reflective learning among students or not? (3)   Is it provides students suitable learning resources according to their learning Style and abilities.

Most of the educators and administer rotors are adopting latest educational technologies in order to reach the 21stCentury learning Students of all those technical approaches, usage of Multimedia is one of the great tools to engage students. Let see what is suggested about new ways of using Multimedia in Classroom.

(1)   It makes learning personalized by proving various resources. Which help learners to meet their learning needs because. Every students have different learning Style.

(2)   In enhances group learning among students because Multimedia tools such as blogs ,Social networks and wikis enable students to work together in learning a particular .Concept students use these to share their work with other give feedback on their woks and discuss among other a particular topic.

(3)   It improves presentation Skill in students because by using story boarding Video sand Slideshows a teachers can students and they can present their ideas in their own way.

(4)   It is also a way to allow the learners to engage in their education in more personalized way and also improve their creative critical thinking and reflective thoughts.

Conclusion

The present paper is basically focused upon the role of Multimedia technology for the development of Creative thinking ability in students. The study becomes more important due to its multi-purpose goals in a Common Classroom .These technologies are very important because most of the students of present time are under the touch of Multimedia Sources like Facebook,

WhatsApp, Twitter, YouTube, Hike etc. Now a days most of the students are trained to develop their own websites and software, which enables them to improve their creative learning ability.

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