

USE OF YOU TUBE FOR THE TEACHING –LEARNING OF GEOGRAPHY

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Abstract :

With the help of technology teaching –learning can be effective. Google has provided very good facility i.e. you tube on which many great videos are available which we can use for the educational purpose. To study the effectiveness of these you tube videos on the learning of the students this study has been undertaken by the researcher. Some concepts from the subject Geography which are interesting but some what complicated to understand have been selected. Experimental design of the research has been used by the researcher. Two groups pre-test, post test design was used. Purposive sample technique was used by the researcher. Videos related to Volcano, eclipse, human & animal life in various countries, phases of moon were presented to experimental group with you tube videos and for the controlled group regular charts, pictures were used. Post –test results revealed that experimental group has more clear understanding than the controlled group. So, for the better understanding students you tube videos are effective learning tool.

Key Words : You Tube, Teaching of Geography, Technology

Introduction :

Digital technology can play very important position in the effective teaching learning of various school subjects. Many complicated concepts can be easily and with interesting way can be explained to the students with the help of technology. As technology has become very handy and easily accessible to both students and teachers, use of technology can enhance and retain the learning for a long time. Technology can bring great change in the learning.

Significance of the Study :

Effective teaching learning plays very important role in developing the knowledge of a student. During the school education student come across many concepts, clarity of concept is very important. To clarify the concepts teacher use various strategies and techniques. Usually teacher use pictures, charts, PowerPoint presentations for the illustration and clarification of concepts. All these are the really good efforts but we should not stop only up to the teaching aids we should go beyond it for the better understanding of the students. Lee Shulman has presented concept of Knowledge Representatives, we have to select such examples, models, pictures which can go maximum near to the concept. Google has provided very good facility that is You Tube. Many good educational videos are available on this site. In the subject geography many concepts are there which needs pictorial presentation. So the researcher thought that you tube can be useful, to evaluate the effectiveness of you tube in the learning of geography this study has been undertaken by the researcher.

Objectives of the Study :

- 1) To study the effectiveness of you tube for the learning of geography.

Limitations of the Study :

- 1) Only Marathi medium school students of 9th standard are considered for the present study.
- 2) Concepts form the Subject Geography form various standards were mixed to see the effectiveness.

Sample :

For the present study school was selected with purposive sample .Bahusaheb Paranjape, High school, Ambarnath. There were two division of 9th standard in the school. For the pre –test all the students from both the divisions were selected.

Methodology & Tools :

Some concepts from the subject Geography which are interesting but some what complicated to understand have been selected. Experimental design of the research has been used by the researcher.

Two groups pre-test, post test design was used.

Following concepts were included in the study.

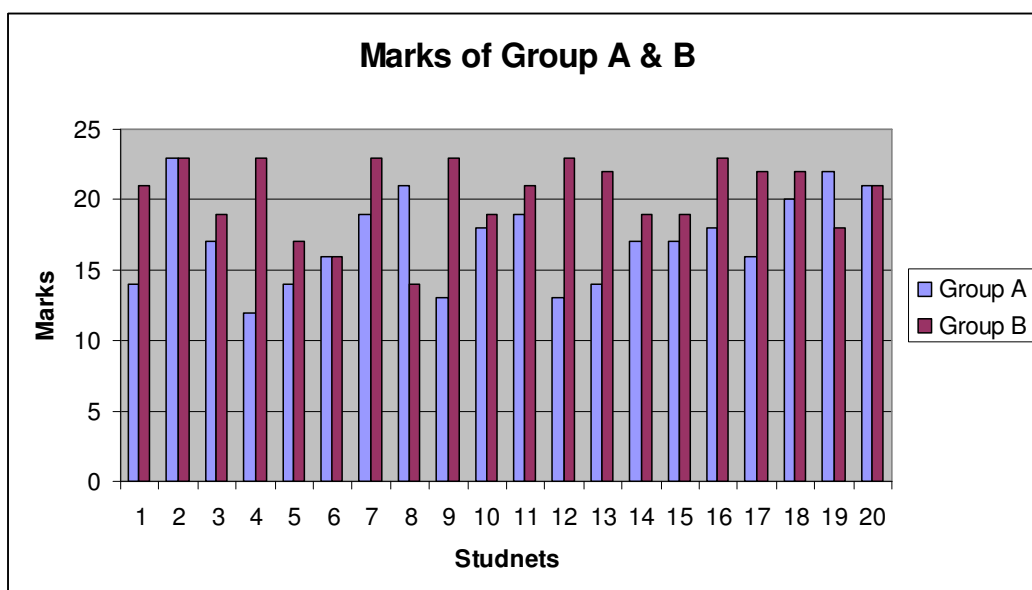
- 1) Rotation of the Earth
- 2) Planets
- 3) Deserts
- 4) Volcano Eruptions
- 5) Human Life in Various Countries
- 6) Animal Life in Various Countries
- 7) Islands
- 8) Forest & Types
- 9) Eclipse
- 10) Phases of the moon

Pre-test regarding these topics have been developed in the form of achievement test (Objective type). This test was administered on all the students of both the divisions of 9th standard. Students who have scored fewer marks in the test were selected for the research and divided into two groups. Group A was Controlled group & Group B was experimental Group.

Above concepts were taught to group A with just simple teaching aids and pictures and models. For the group B relevant YouTube videos were used. Concepts were discussed along with videos. Videos have been online shown with LCD projector in the class. To see the effectiveness post test (Descriptive) and personal dialog with the every individual student from experimental group was done by the researcher. Data has been analyzed with quantitatively and qualitatively. As far as post test was concerned 50 marks achievement test was developed by the researcher based on the concept taught to both the groups.

Data Analysis & Interpretation :

Following graph shows the marks of the students in the achievement test conducted by the researcher.



Mean of both the Groups

Sr.No.	Mean	Difference in Mean
Group A	17.2	3.2
Group B	20.4	

- Above graph indicates that students in the experimental group have scored more marks than the students in the controlled group.
- This shows that you tube videos used for the above topics have great impact and effectiveness in the teaching learning process than the use of traditional charts and models.
- When the researcher has discussed with every individual student of experimental group they communicated that with the videos they have understood the concepts clearly and easily.

Recommendations -

1. For the topics where only charts and pictures are not sufficient teacher must use video clips which directly shows various aspects & dimensions of the topic.

2. There should be a proper selection of video from the teacher.
3. Teacher must orient the students that what to observe & how to take note points from the video.

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