

Need of Multimedia Programme to Understand Concrete and Abstract Concepts in English

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Abstract -

21st century is the age of globalization and is important to grasp on various foreign languages and English language comes first. English Language Teaching has been with us for many years and its significance continues to grow.

With the rapid development of science and technology, the emerging and developing of multimedia technology and its application to teaching, featuring audio, visual, animation effects come into full play in English class teaching and sets a favourable platform for reform and exploration on English teaching model in the new era. It's proved that multimedia technology plays a positive role in promoting activities and initiatives of student and teaching effect in English class. Technological innovations have gone hand in hand with the growth of English and are changing the way in which we communicate.

As the use of English has increased in popularity so has the need for qualified teachers to instruct student in the language. It is true that there are teachers who use 'cutting edge' technology, but the majority of teachers still teach in the traditional manner.

In view of the developments in the field of Information and Communication Technology the Board recommends increasing use of technology for effective implementation of the Curriculum of English. The new curriculum underscores the need of making education learner centred.

Multimedia teaching refers to use of any computer software or application such as films, colours, animations, etc. It is one of the techniques to improving the students' meets the academic needs and helps them developing English language skills is providing multimedia during the process of teaching and learning in the classroom. Multimedia learning systems offer a potentially venue for improving student understanding about language. Teachers try to find the most effective way to create a better foreign language teaching and learning multimedia environment through multimedia technologies.

Key-words - Science and technology, information, Multimedia Programme, academic needs, computer software etc.

1.0 Introduction -

English language teaching is one of the most important aspect in developing various language skills of English as a foreign language. The English language teaching and learning process includes various aspects of the language such as prose, poetry, grammar and various language skills including communication skills. The prose and poetry section of English language includes so many aspects of the

language one of them is a concepts. Teaching of concepts is a difficult task to English teacher because there are so many features that a concept includes. A teacher has to consider all these features of concepts while introducing to the students so that the students should understand these concepts very easily and remember forever. In view of this the researcher decided to develop Multimedia Programme to teach the concepts at the secondary level and he decided to evaluate the multimedia programme with it's need with the help of English teachers.

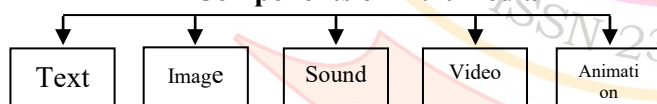
1.1 Meaning, Nature, Aspects of Multimedia-

Multimedia which is one of the effective means of communication used to develop interest in acquiring language proficiency. Multimedia which is called interactive media provides to represent information to the user in very effective way. It is one of the most powerful medium of communication. Various sectors are also influenced by this Multimedia such as training, business, presentation, advertising, education and documentary. Multimedia which consist text, images, video, audio, graphics and animation is proving to be the most interactive in the teaching and learning process. It is also helpful in making the teaching learning process more interesting, valuable as well to develop grasping ability of the learner.

When we discuss the definition of Multimedia 'it is a representation of information in an attractive and interactive manner with the use of combination of text, audio, video, graphics and animation'.

The another definition 'Multimedia refers to the integration of multiple forms of media including text, graphics, audio, video and interactive elements.

The explanation of above definitions of Multimedia clears that it is a media that is used to convey the information, the learning experiences in an attractive and effective manner. These interactions help for long term learning experiences among the students who get very concrete experience through it.

Components of Multimedia

All these aspects form Multimedia which is always helpful in making teaching learning process interesting and easy.

1.2 Meaning, Definitions and Nature of Concepts - Meaning - Concepts in Pedagogy means a group of equal qualities of concrete or abstract things.**Definitions of Concept -**

- It is a general idea about things are a group of things derived from specific instances or occurrences.
- According to Smith "concepts means classification".

Aspects of Concepts-

According to Bruner there are five aspects of concepts-

- Name
- Examples
- Specific Qualities
- Value
- Generalisation

Types of Concepts

The present research study deals with the following types of concepts-

1. Concrete Concepts**2. Abstract Concepts**

With the above little discussion regarding the Multimedia Programme and the Concepts now will discuss the research procedure for the present research study.

1.3 Objectives of the Study-

The following objectives were set for the present study.

- To study the basics of multimedia programme.
- To classify the new concepts introduced in the textbook of IX standard of English.
- To study the need and importance of a Multimedia Programme to teach concrete and abstract concepts in English.

1.4 Review of Related Literature and Research-

- For this present research article the researcher took the review of related literature especially the reference books and the various articles published in the research journal online and offline.
- The related researches were also referred by the researcher offline and online especially the researches made on Multimedia Programmes in India and abroad where referred and studied.

1.5 Data for the Research Article-

The prepared Multimedia Programme was presented to the secondary English teachers. The Opinionnaire was given to this English teachers and the teachers were asked to rate the five scale opinionnaire. The data was collected with the help of this opinionnaire. The conclusions were also made based on this data.

1.6 The Research Method-

The survey research method was used to collect the data.

1.7 The Research Sample -

The research sample for the present research article was the secondary English teachers. 42 English teachers were selected from the Bhudargad taluka (Dist.- Kolhapur). These teachers were the

respondent to the Multimedia Programme and the Opinionnaire.

1.8 Research Procedure -

1. The concepts from the textbook of English of IX standard from State Board of Maharashtra were finalised.
2. The finalised concepts were divided into the concrete concepts and the abstract concepts.
3. The Multimedia Programme was prepared with the help of essential information related to the concrete and the abstract concepts.
4. The prepared Multimedia Programme was sent to the secondary English teachers for evaluation and their opinion.
5. The opinionnaire with five point rating scale was prepared and it was given to the secondary English teachers.

1.9 Data Analysis-

The data collected with the help of the opinionnaire with five points rating scale submitted to the secondary English teachers along with the multimedia programme.as well the classifications of the concepts is analysed with the help of percentage and the 'p' value.

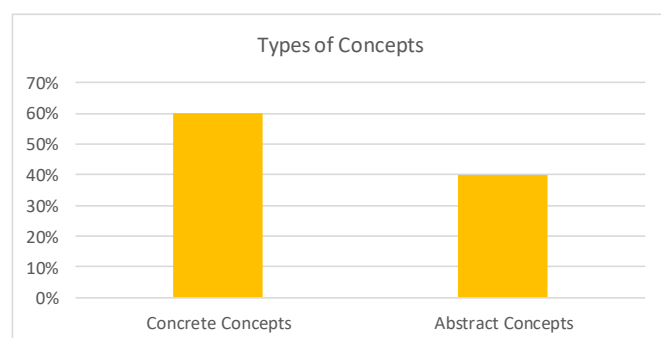
Objective No. 02

- To classify the new concepts introduced in the textbook of IX standard of English.

Table No- 01

The classification of Concepts Concrete and Abstract

Sr. No.	Classification (Total No of Concepts – 74)			
1.	Types of Concepts	Concrete Concepts	44	60%
		Abstract Concepts	30	40%



Interpretations

1. There are 44 (60%) concrete concepts in the textbook of IX standard of English.

2. There are 30 (40%) abstract concepts in the textbook of IX standard of English.

Findings –

Majority of the concepts introduced in the textbook of IX standard of English are concrete concepts.

Objective No.3

- To decide the need and importance of a Multimedia Programme to teach concrete and abstract concepts in English.

Table No.-02

Rating of the teachers for the lead and effectiveness of Multimedia Programme

Sr. No.	Statements	P-Value	Result
1	The selected concepts for Multimedia Programme are newly introduced in the textbook of IX standard	0	Reject the null hypothesis
2	The depth and coverage of the Multimedia Programme is aptly maintained	0	Reject the null hypothesis
3	Effectiveness of Graphics and Visuals are perfectly arranged	0	Reject the null hypothesis
4	Quality and relevance of audio and video is aptly applied	0	Reject the null hypothesis
5	Explanation related to the new concept with the help of text, video, graphics, animation and sound etc. are arranged properly	0	Reject the null hypothesis
6	The prepaid Multimedia Programme to teach the concept from English textbook of IX standard will engage the students in learning and enhance interactivities	0	Reject the null hypothesis
7	The Prepared Multimedia Programme is effective to achieve that objectives of teaching concepts to the	0	Reject the null hypothesis

	students		
8	The prepared Multimedia Programme is appropriate and useful to comprehend the concepts to the students	0.0088	Reject null hypothesis
9	The prepared Multimedia Programme is user friendly and fulfills all technical requirements	0.0088	Reject the null hypothesis
10	The Multimedia Programme will help to develop / enhance eagerness to learn new concepts among the students.	0	Reject the null hypothesis

Observations -

The results show that most aspects of the multimedia programme from content point of view received ratings higher than "undecided" as indicated by the low p-values. This suggests that respondents generally rated the program features positively, with most giving "Strongly agree" or "Agree" ratings. However, the sound effects were rated as "undecided" by a higher number of respondents compared to other aspects. Overall, the programme is well-regarded, though the sound effects may need improvement to boost satisfaction.

1.10 Findings-

1. Multimedia programme is essential for understanding the concrete and the abstract concepts.
2. Majority of the concepts introduced in the textbook of IX standard of English are concrete concepts.
3. According to the majority of the secondary English teachers the Multimedia Programme is significant to teach the concrete and the abstract concept to the students.
4. According to the majority of the secondary English teachers the prepared Multimedia Programme to teach the concrete and the abstract concepts from English textbook of 9th

standards will engage the learners in learning and enhance learning abilities.

5. According to the majority of the secondary English teachers the Multimedia Programme is appropriate and useful to comprehend the concepts.

1.11 Conclusion-

The above discussions indicate that the Multimedia Programme is essential in teaching of concrete and abstract concepts from the prose and poetry extracts in the English language. The various technological aspects used in preparing the multimedia programme such as text, sound, image, video and animation are helpful to understand the concepts very easily to the students. The modern technology will always help the student to understand the content from the syllabus and its textbook.

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