SUMMARY

1. Title of the Project in English/Hindi besides the language of the Report:

"मन मानचित्रण- सीखने और याद रखने के लिए एक आईसीटी उन्मुख अभिव्यक्ति "

“Mind Mapping- an innovative ICT oriented approach to learn and memorize”

2. Introduction:

Mind mapping is a revolutionary approach to both teaching and learning. Using mind maps as an innovative thinking tool in education, helps students to visualise and externalise concepts and understand the connections between different ideas and it is completely based on the psychological theories of constructivism, Multiple Intelligence and Gestalt theory. It is commonly used in presentations, critical thinking, brainstorming, decision making and project management. In order to inculcate the 21st century skills such as creativity, collaboration and critical thinking among students it is an excellent tool. This technique is already used by over 250 million people worldwide for a variety of tasks including brainstorming, organising, managing projects, teaching, studying, communicating information and much more.

3. Implementation Procedure of Innovation:

An Innovative project entitled “Mind Mapping- an innovative ICT oriented approach to learn and memorize” was implemented and executed in the Vidyalaya for 06 months. Mind Mapping is a method of capturing information invented by Tony Buzan. It is proven to increase productivity, creativity and memory. Mind Mapping Technique prepares the mind in a way that information can be used in logical and imaginary way to make an image in the brain.

A mind map is a visual representation of hierarchical information that includes a central idea surrounded by connected branches of associated topics. In this project students were divided in two groups- Experimental group and Control group. The experimental group students were made aware about making mind maps and they were taught by using Mind Mapping technique by using free softwares whereas control group was taught by traditional method. The experimental group students were provided with the Laptops/i pads with pre installed Mind Mapping softwares to work and develop “Mind Maps”. The academic performance of students of both the groups were also recorded and monitored properly.
4. Outcomes:

After 06 months the academic performance of both the groups was analyzed and an inference was drawn that the group using mind map showed better academic achievement as compared to other group as well as they have better creativity and critical thinking. The students were also of the opinion that Mind Maps is a better tool for clearer understanding of relationships & facts, also for memorization and retention of the subject matter. It is very much beneficial for all the students regardless of academic performance.

Mind Maps can be used for generating, visualizing, organizing, note-taking, problem-solving, decision-making, revising and clarifying topics. It can be used as a collaboration tool, as an exercise. It enhances creativity, learning & presentation skills, supports effective teaching, develops critical thinking and problem solving ability. Mind Maps are very effective for dyslexia students. This method also helps in improving writing skills, plan & organise and also increases the memory.

Mind mapping is a useful and powerful tool, not only for Students, Teachers, Educators and Parents but also for whole society. In fact Mind Mapping is an innovative tool for social change.

Submitted By:

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