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PC ASSISTED INSTRUCTIONS (CAI) : A NEW LEARNING STRATEGY

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ABSTRACT:

The utilization of PCs in instruction began in the 1960's. With the coming of helpful microcomputers in the 1970's, PC use in schools has turned out to be far reaching from essential training through the college level and even in some preschool programs. Instructional PCs are fundamentally utilized as a part of one of two ways: it is possible that they give a clear introduction of information or they fill an instructional exercise part in which the understudy is tried on understanding.

KEYWORDS : utilization of PCs , microcomputers , preschool programs.

INTRODUCTION

PC ASSISTED INSTRUCTION (CAI) is a program of instructional material introduced by methods for a PC or PC framework.

As per Burke (1982), Computer Assisted or Managed Instruction is "The efficient control of guideline by PC. It is portrayed by testing, symptomatic learning, solution and record keeping." Leib (1982) has given a more broad definition. As indicated by him "CMI incorporates all uses of the PC help to the teacher in instructional administration without really doing the educating."

CAI does not mean preparing students to work PCs, rather that understudies will take the assistance of PCs in their learning. Along these lines the principal state of utilizing CAI is that the understudy must be PC proficient. On account of this constraint, CAI has a tendency to be effectively used to those nations just where PC proficiency is attractive. In a theoretical nature. Furthermore, numerous battle with the learning of arithmetic and flop in exams and tests. The real purpose behind this is instructors frequently give careful consideration to the fundamental ideas and by and large embrace techniques for comprehending inquiries with packed up formulae. Likewise understudy educator proportion is high. The normal classroom has a tendency to have a differing gathering of understudies with shifting capacities which makes it exceptionally troublesome for an instructor to connect with every one of the understudies adequately in the restricted time of a class period. Thus, there emerges the need to supplement classroom educating with other showing approachs like penetrate strategy, utilizing distinctive varying media helps, PC supported guideline, scientific club and so on. One such technique is auto instructional strategy. It is a strategy for individualized guideline. One of its structures is CAI (Computer helped/Aided Instruction) auto instructional educating.

KINDS OF COMPUTER ASSISTED INSTRUCTION:
- **Drill and Practice:**

Penetrate and practice give chances to understudies to over and over training these aptitudes that have already been exhibited and that further practice is vital for dominance.

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- **Tutorials:**

    Instructional exercise action incorporates both the introduction of data and its expansion into various types of work, including drill and practice, recreations, and reproduction.

- **Games:**

    Amusement Software regularly makes a challenge to accomplish the most noteworthy score and either beat others or beat the PC.

- **Simulation:**

    Reproduction programming can give a guess of reality that does not require the cost of genuine or its dangers.

- **Discovery :**

    Revelation approach gives an extensive database of data particular to a course or substance territory and difficulties the student to examine, look at, derive and assess in light of their investigations of the information.

- **Problem Solving:**

    This approach encourages kids to create particular critical thinking aptitudes and procedures. Points of interest of CAI:

- One to One cooperation
- Great inspiration
- Freedom to explore different avenues regarding diverse choices
- Instantaneous reaction/quick input to the appropriate responses chose.
- Self pacing - enable understudies to continue at their own pace.
- Helps instructor can commit more opportunity to singular understudies.
- Privacy helps the bashful and ease back student to learns
- Individual consideration
- Learn more quickly
- Multimedia comprehends troublesome ideas through multi tangible approach.
- Self coordinated learning-Students can choose when , where, and what to learn.

    There are a few different points of interest also to utilizing PC in an instructive establishment. They enable understudies to continue at their own pace. PCs are especially valuable in subjects that require penetrate and liberating educator time from some classroom assignments so an instructor can dedicate more opportunity to singular understudies. A PC program can be utilized demonstratively, and, once an understudy's concern has been distinguished, it would then be able to center around the issue territory. At last, on account of the security and individual consideration managed by a PC, a few understudies are diminished of the humiliation of giving an inaccurate answer freely or of going more gradually through exercise s than different schoolmates.

IMPEDIMENTS OF CAI:

- May feel overpowered by the data and assets accessible. There are additionally fears, regardless of whether legitimized or not, that the utilization of PCs in training diminishes the measure of human association.
- Over utilization of sight and sound may redirect the consideration from the substance.
- Learning turns out to be excessively mechanical
- Non accessibility of good CAI bundles.

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CAI THEORY:

CAI is an acronym for Computer helped directions; it is alluded to as intelligent utilization of PCs. It is a self learning procedure, typically disconnected/internet, including association of the understudy with modified instructional materials. PC helped direction (CAI) is an intuitive instructional procedure whereby a PC is utilized to show the instructional material and screen the discovering that happens.

CAI utilizes a blend of content, designs, sound and video in upgrading the inclining procedure. The PC has numerous reasons in the classroom, and it can be used to help an understudy in every aspect of the curriculum.CAI alludes to the utilization of the PC as a device to encourage and enhance direction. CAI programs utilize instructional exercises, penetrate and practice, reproduction, and critical thinking ways to deal with show subjects, and they test the understudies understanding.

MOTIVATION BEHIND CAI-

ICT (Information and Communication Technology) has extraordinary potential for educating and learning process at all levels. The utilization of ICT has improved the showing learning process with the assistance of PC. It has brought an extraordinary change, ingenuity, and innovativeness in educators in the instructing - learning process.

The principle reason for the CAI customized is to give singular guideline to understudies keeping in see their potential capacities and intrigue. An extraordinary gadget is required for this reason. The gadget ought to be as adaptable as to store huge measure of sorted out data on one hand and to furnish the utilized with chosen data when he wants so then again. A PC satisfies both these conditions thus help is taken from a PC to give directions to understudies.

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