



SNS COLLEGE OF NURSING
Saravanampatti (po), coimbatore.
DEPARTMENT OF NURSING
COURSE NAME : BSC (NURSING) II YEAR
SUBJECT : CET
UNIT IV : METHODS OF TEACHING
TOPIC : CAL, INNOVATIVE TEACHING
STRATERGIES



INTRODUCTION



- In 1980's the CAL became available to university students looking for an alternative to their traditional textbook.
- These programmes used only digital files transferred onto CDROM to give students highly portable and accessible learning materials.





USES



- Motive students
- Strengthen teaching
- Work quickly and objectively.





TYPES



- **DRILL & PRACTICE** : It provides exercises in which students work example items one at a time and receive feedback on their correctness.
- **TUTORIAL** : It exposes the learner to material that believed not to have been previously taught or learned. It often includes pretest, post test and drill and practice.



Contd...



- **SIMULATION** : It is computerized model of real or imagined system designed to teach how a system works and allows learners to create their own sequence for using simulation.
- **GAMES** : There are designed to motivate learning by adding game rules to learning activities.



Contd...



- **MULTIMEDIA** : Programme that support the interactive use of text, audio, still images, video and graphics and manipulate them to support learning.
- **WORD PROCESSING** : The creation, input, editing and production of words in documents and texts by means of a computer system.



ADVANTAGES OF CAL



- Ideal for distant learning (open university)
- Students can learn in their own pace
- It generate a positive attitude in student
- It stimulate real situations.
- Programme can be put to CDROM or DVD to get content.



DISADVANTAGES



- Need computer for CAL
- It lowers teacher role
- The user must have knowledge of computer
- Enable to assess the human and emotional factors.
- It provides more mental and physical fatigue.



INNOVATIVE TEACHING STRATEGIES



- These are modern methods of teaching techniques.
- **CREATIVE TEACHING** : Here creativity efforts are made to bring out the most creative in classes. The participants must know their fields and thinking. Know how develop ideas or though to create an appropriate learning environment.

- **BRAINSTORMING** : A useful tool to develop creative solutions to a problem is a lateral thinking process by which students are asked to develop ideas or thoughts that may seem crazy or shocking at first.





Contd...



- **NEGATIVE BRAINSTROMING** : It involves analyzing a short list of existing ideas, rather than the initial massing of ideas as in conventional brainstorming (What could go wrong with this project)



Contd...



- **CONCEPT MAPPING** : It represents knowledge graphic form. Network consist of nods, which represent concepts, link and which represents relationships between concepts.
- **ROLEPLAYING**: Each students takes the role of a person affected by an issue and students an issue or events from the perspective of that person.



Contd...



- **STORY BOARDING** : It can be compared to spreading students thoughts out on a wall as they work on a project or solve a problem. Story boards can help with planning ideas, communications and organization.



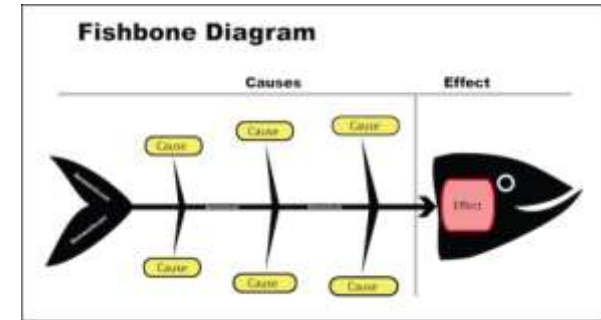


Contd...

- **QUESTIONING ACTIVITY** : In this exercise in questioning, students create a list of 100 questions. There are no directions regarding what questions to ask and no judgments or criticism of questions.
- **REVERSAL** : It takes a given situation and turns it around, inside out, backwards, or upside down.

Contd....

- **FISHBONE** : It uses a visual organizer to identify the positive causes of problem.
- **THE MYSTERY SPOT** : The instructors set up a mystery story (videos, animations) that evolves a key concept such as DNA.





CONCLUSION



The term teaching method refers to the general principles, pedagogy and management strategies used for classroom instruction. The choice of teaching method depends on what fits you — your educational philosophy, classroom demographic, subject area(s) and school mission statement.





ASSESSMENT



1. What is meant by CAL?
2. What are all the types of CAL?
3. Explain advantages of CAL?
4. Explain any three innovative teaching strategies?





REFERENCES



1. B.T. Basavantappas "Nursing Education", first edition, 2003, Jaypee Brothers publication, New Delhi, India.
2. http://WWW.unesco.org/education/nfsunesco/pdf/LESTAG_E.PDF



REFERENCES



3. <http://monroecc.edu/manila/webfiles/pbrunett/audiovisual.pdf>

4. <http://wp.lps.org/jholbei/files/2012/03/visual-aids.pdf>

5. Farrant, (1998) ,Principles and Practice of Education, "Essex: LONGMAN .



Thank
you