

Basic of Educational Methodology

Mary Praneethi

Associate Professor, HKES College of Nursing, Kalaburagi

mpraneethi[at]yahoo.com

Abstract: *Traditionally we have heard of classroom teaching methods. Now with invent of newer methods of teaching and learning like LCD, and simulation lab we as teachers need to upgrade our teaching methods.*

Keywords: Teaching, learning methods

Educational methodology Portfolio module 1: Basics of education

1. Activity: perspective on teaching

I got a chance to attend short course in education methodology part1. As I come from health care system our focus of education is to render service as health care personnel never the less in masters of nursing me gained knowledge on teaching and learning methods but it was limited hence after attending this module I gained substantial knowledge in teaching methods.

2. Activity: learning principles recall your experience in relating to adult learning principles in your teaching experience (50 words)

Teaching adults we must realize they possess prior knowledge and experience they should be motivated to learn by writing specific learning objectives adults do not like to be dictated while they wish to learn in a more independent environment in a active model children seek adult guidance where as adult are self directed and they wish to learn at their own place they feel motivated when respected as individuals and eventually the talk being evaluated.

Have you felt that some teaching methods are more appropriate in Classroom, while some others are more effective in clinical or laboratory based teaching situation (75 words)

Yes, some teaching methods are appropriate in classroom like theories of learning are best understood if thought theoretically Unlike teaching about media and medium of learning should be thought practically demonstrating how to make use of these media of education differently in different situations.

Secondly, if the teachers have to teach about the life skills classroom teaching is inappropriate skill lab or real life experience can be used to learn these skills.

3. Activity: psychology of learning construct model of teaching in your subject with constructivist psychology as reference from work (200 words)

Man made earthquake

- Reasons for manmade earthquake
- Slides showing how earthquake can be man

Made and how to combat it

- Debating and discussing

Introduction

Disaster is topic of interest to all health care professional. Because Duty calls.

Disaster are classified as manmade and natural. All these years we have studied earthquake are natural but now we shall study the earthquake can and are manmade also

Definition: manmade earthquake are induced and triggered by human on the earth crust

Causes:

1. Fracking
2. Injection of carbon dioxide to store carbon
3. Mining
4. Artificial lakes
5. Waste disposal walls
6. Hydrocarbon extraction and storage
7. Ground water extraction
8. Geothermal energy

Event's sites worldwide In the light of manmade disaster

Site magnitude

Pohang South Korea-5.5
Copper basin Australia-33.7
Rasemamowes quarry u. k-3.1

Prevention: researchers believe that

Seismicity associated with hydraulic Stimulation

Mitigated and controlled through predictive siting and other Techniques with appropriate management the number and magnitude of Induced seismicity can be decreased significantly reducing the probability of a damaging seismic event.

Condition: a 2012 report from U. S national research council examined the potential for energy technologies like carbon capture and storage geothermal energy production and gas development to cause earthquake, The report found that only a small fraction of injection and extraction activities among thousands of energy development sites have Induced seismic activity however scientist understand the general mechanisms that induce seismic events they are unable to predict the magnitude of the occurrence of earthquakes due to insufficient information about the natural rock system the report noticed that can be felt by people but underground injection of wastewater produced by hydraulic fracturing and other energy technologies has a higher risk of causing such earthquake in addition carbon capture and storage a technology for storing excess CO₂ underground have the potential for inducing seismic events because significant volumes of fluids are injected underground over long period of time

4. Activity: learning theories relate your own experience with either dreyfus and dreyfus model of competency or competence consciousness model in relation to the first contact session of this course (200 words)

Relating my own experience with dreyfuss model of competency learning in first contact session of the course is placing myself in proficient stage.

Dreyfuss proposes five distinct stages in acquisition of skill.

The first stage is notice where the person in this content perform the skill without the sense of responsibility he only focuses on following the set rules and regulations rather than meeting long term goal advanced beginner demonstrate limited situational perception they try tasks on their own but skill have difficulty in troubleshooting they lack complex thinking third stage is compliant practitioners develop conceptual model of problem solving domain they possess coping with crowdedness circaring multiple activities with deliberate planning and formulation of their own work schedule based on past experience proficient workers and take a holistic view of situation and always perform better while revising their own performances.

The last stage in the model is expert he is the primary source of knowledge and information they work from intuition and arrive at a conclusion from their intuition when they feel it as right.

5. Activity Learning Theories

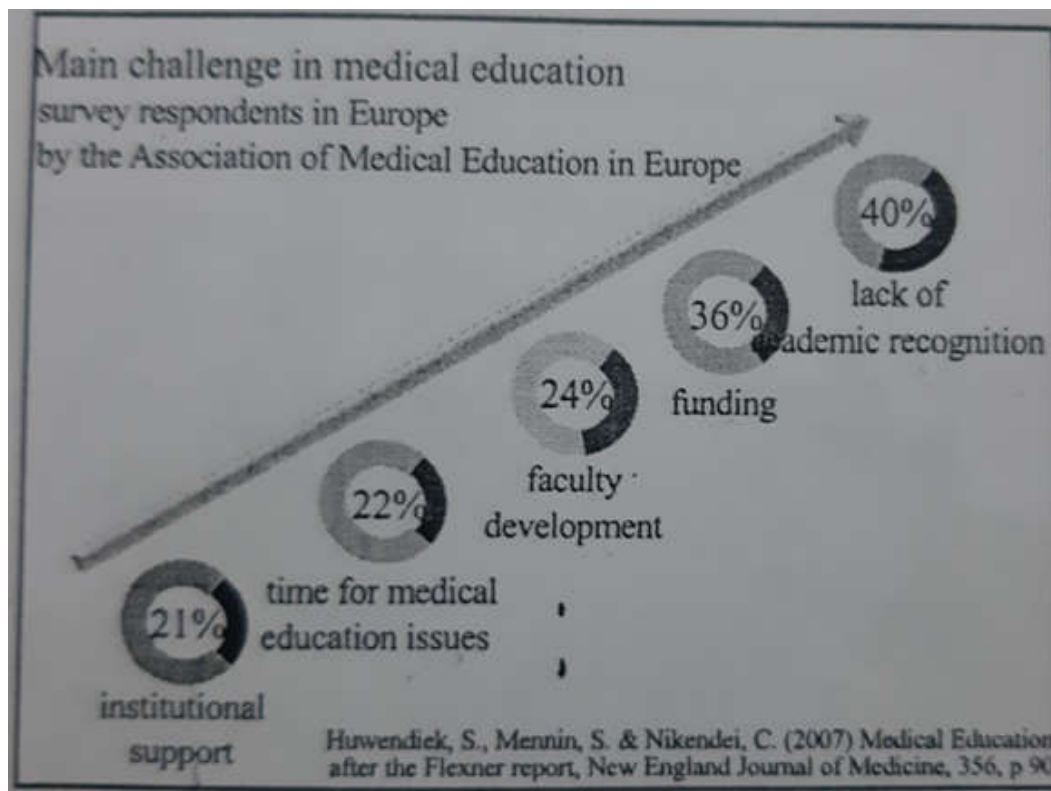
Illustrate how metacognition has influenced your learning success, or how you intend to improve your success by adapting the concept of metacognition.

Metacognition which is defined as knowing about our abilities. I intend to improve my procedural and conditional skill if teaching. We were mostly focused on classroom teaching methods now I know how to improve my skills by using latest technology and make my teaching more effective and interesting.

For instance we are used to employ lecture and demonstration method of teaching, now I know about conditional means of teaching where I can plan strategy, set goals and evaluate my teaching skills and condition the students to learn and achieve long term goal. Metacognition help in debugging the error if teaching and learning methods.

6. Activity: Learning Theories

Construct a model of your career progression on the guidelines of lifelong learning.



When we focus on individual career progression we observe in the model that we get only 21% of support from institutions climbing up the ladder. In the model, medical education uses are 22%, next challenge is faculty development 24%, and lack of funds challenge is 36%. Ever after the equation of our goal, the academic fails to recognize our work. Hence, by merging the institutional interest to individual interest by increasing the student's standards. When we achieve more academic qualifications, we will achieve career progression through long life learning.

7. Activity need for formal course in education methodology,

Describe your initial reaction to joining this course how do you think this course can help realizing your aims of being a good teacher

I strongly appreciate this genuine gesture to improve teaching methods and media as there is a time lapse and technological lapse from the day we finished our course. Through this course, we could update our skills and work with peer groups which gave impetus to our learning skills. This course gave us a new perspective of thinking from the student's point of view and learns new technological teaching methods.

Reference

- [1] www.arificialearthquacks, Feedback to module 1. Question 1. Where you satisfied with the course content, Ans. Moderately satisfied
- [2] How organized was the course content, Ans. Moderately organized
- [3] Are you satisfied with induction program, Ans. Extremely satisfied
- [4] How clearly did your instinct explain the objective of the course, Ans. Extremely clear
- [5] How useful were the Assignments in helping you understand the material. Ans. Moderately use full
- [6] Where you given two many assignments write amount
- [7] How much time did you spend on this module, Ans. More than 7 hours

- [8] What suggestion do you have to improve this module, Ans. We as student teachers should have a positive mind set to learn whatever is taught and apply to our daily teaching methods as illustrated by Amitabh Bacchan every day is a learning day.