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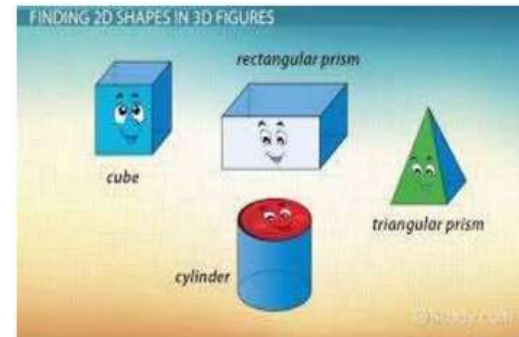
DEPARTMENT OF NURSING
COURSE NAME : BSC (NURSING) II YEAR
SUBJECT : CET
UNIT VII: EDUCATIONAL MEDIA
TOPIC : THREE DIMENSIONAL AIDS



INTRODUCTION



- Three dimensional models are used with great effectiveness as teaching aids.
- Concepts can be much more readily understood when significant relationships and ideas are simplified, exaggerated, and presented as working models.





MEANING



- A model is a three dimensional recognized imitation of an object.
- A model can be same size as the object it represents or it can be smaller or large.
- It can be handle and seen from a number of angles.



CLASSIFICATION



- Objects
- Moulage
- Dioramas
- Puppets
- Models
- Exhibit
- Mock up





OBJECTS



- It is defined as collection of real things for instructional use is called as objects.





SPECIMEN



- It is defined as a sample of real object or materials taken from the natural setting.
- It is a simple that show quality or structure.





SOURCES OF SPECIMEN AND OBJECTS



- Local markets
- Manufactures and factories
- Discarded materials from house.
- Plaster casts can be purchased.



POINTS TO BE REMEMBER



- ❖ Develop a purpose for using them
- ❖ Ask questions regarding student observations.
- ❖ Clarify and detail about the structure of the specimen or objects.
- ❖ Provide opportunities for students to work with or to manipulate.



ADVANTAGES



- ❖ These are less abstract and more concrete
- ❖ It attracts learners attention
- ❖ Development of social skills and values
- ❖ Make teaching lively.
- ❖ Arouse interest in learning
- ❖ Students get a satisfaction while contributing these to the school and teachers.



DISADVANTAGES



- ❖ Time consuming
- ❖ Expensive
- ❖ Space needed for storage
- ❖ Maintenance should be done
- ❖ Prone to possible damage
- ❖ Some object have limitation in availability and may not be easy to be found

MOCK-UPS

- These are special types of models which are focused on a specific part of a whole object and are workable.
- It is intended to show the essential parts which are made detachable.





MOULAGE



- Mould can be made up of plastic material to stimulate some life object.
- Ex: Body which shows evidence of trauma infection, disease, surgical intervention.





ADVANTAGES



- It can avoid danger and loss of life.
- Conditions can be varied and outcomes investigated.
- Critical situations can be investigated without risk.
- It is cost effective.
- It can be slowed down to study behavior more closely.



DISADVANTAGES



- Can be expensive and time consuming
- Expensive to conduct simulation.
- Sometimes it is difficult to interpret the results.
- Failure to identify objectives clearly up front.
- Require good managerial input.



IMPORTANCE

- Three-dimensional aids are used with great effectiveness as teaching aids.
- All the audio-visual materials or three-dimensional aids are nearest to living experiences.
- They are contrived experiences where reality is altered or simplified for teaching purposes.



CONCLUSION



THREE-DIMENSIONAL MODELS ARE USED WITH GREAT EFFECTIVENESS AS TEACHING AIDS. CONCEPTS CAN BE MUCH MORE READILY UNDERSTOOD WHEN SIGNIFICANT RELATIONSHIPS AND IDEAS ARE SIMPLIFIED, EXAGGERATED, AND PRESENTED AS WORKING MODELS. THESE MODELS CAN BE CONSTRUCTED BY TEACHERS AND/OR STUDENTS.





ASSESSMENT



1. What is mean by three dimensional aids?
2. Types of three dimensional aids?
3. Define Mock-ups?
4. Importance of three dimensional aids?





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Thank
you