



SNS COLLEGE OF NURSING
Saravanampatti (po), coimbatore.

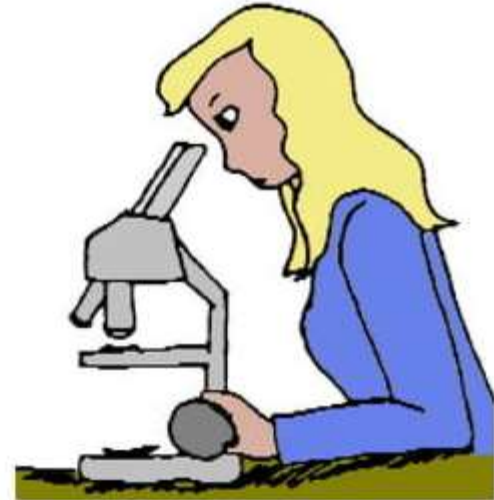
DEPARTMENT OF NURSING
COURSE NAME : BSC (NURSING) II YEAR
SUBJECT : CET
UNIT VII: EDUCATIONAL MEDIA
TOPIC : PROJECTED AIDS



MICROSCOPE



- Instrument used to see objects that are too small for the naked eyes.





EDUCATIONAL USE



- Used for teaching anatomy, physiology, microbiology, pathology, etc.
- Used in diagnostic labs to carry tests ranging from the simple blood test to complex histopathology or genetic test.





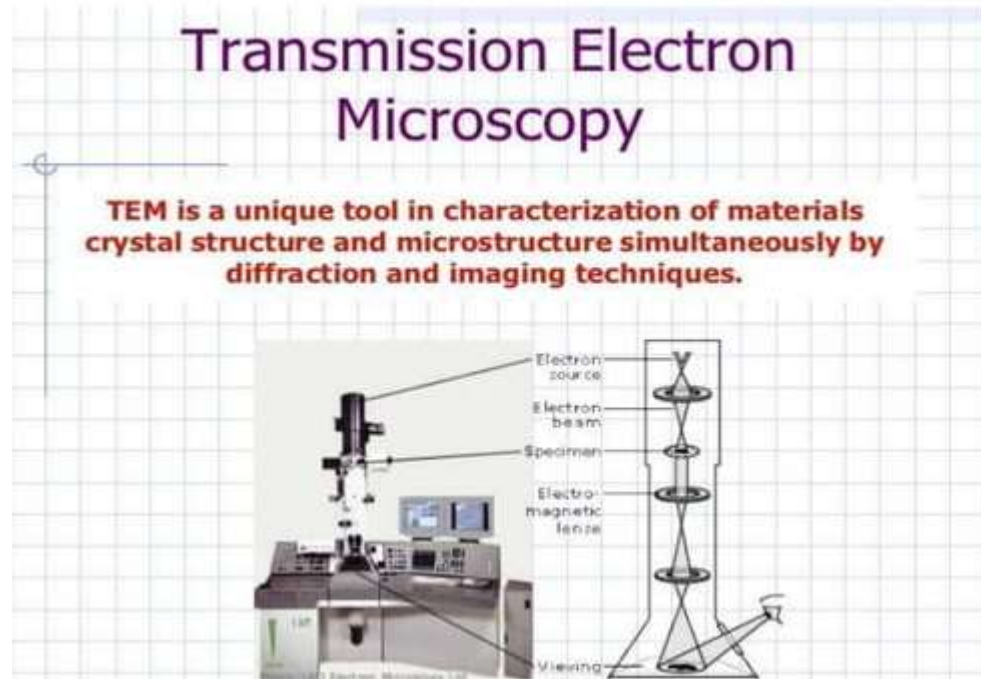
Contd...



- Used to show live slides of disease diagnostic tests.
- Used to collaborate theory & practical.
- Procedure & develop findings.
- Used for visualization of objects or living things such as tissues samples, micro objects, which cannot be seen by naked eyes.

TYPES

- Transmission electron microscope.

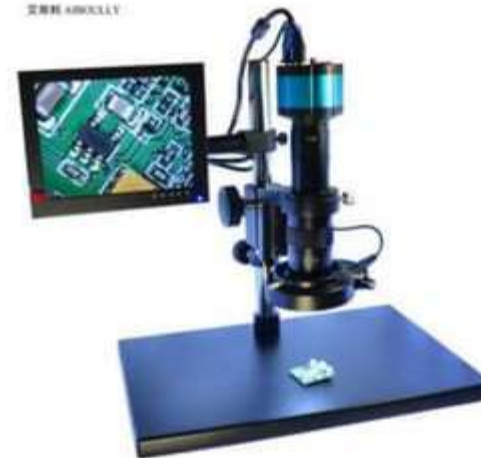
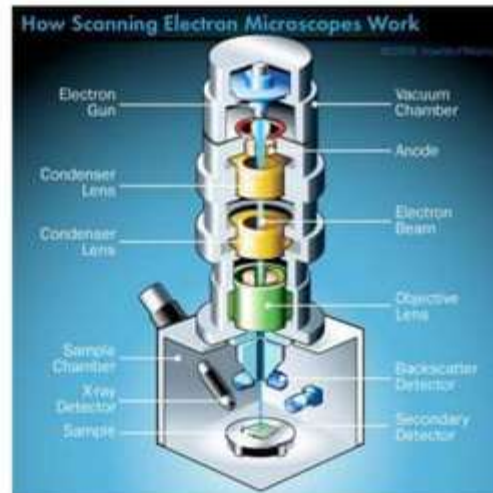




TYPES

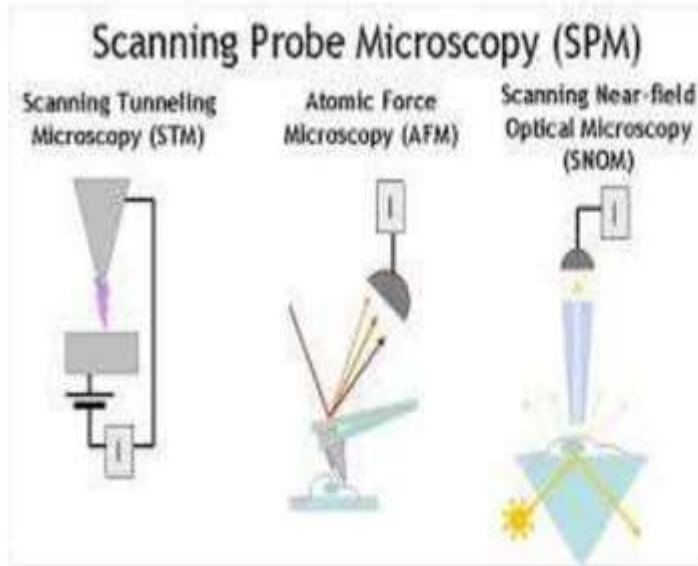


- Scanning electron microscope



TYPES

- Scanning probe microscope





COMPUTER



- A computer is a programmable machine designed to sequentially and automatically carry out a sequence of arithmetical or logical operations.





USES



- More effective learning aid
- Facilitate active learning
- Improving the recall ability
- Innovative instructional stimuli.
- Enhance interactive learning.
- Used in distance education.
- Helps in computer assisted learning.





ADVANTAGES



- Help to work fast & accurate.
- Reliable
- Save time
- Help in doing repetitive work
- Ideas can understand quickly & easy in presentation.





Contd...



- Using scanner/camera images or photographs can transfer to computer.
- Used for voice recognition.
- Store huge amount of information
(include text, sound, videos, pictures, films, etc)



Contd...



- Takes very little space
- Portable (laptop, notebook)
- Highly interactive & enable communication from one place to another.
- Used friendly & easy to operate.



DISADVANTAGES



- Too much sitting
- Short attention span and too much multitasking
- Can limit learning and create a dependency.
- Potential of loss of privacy.
- Time sink and distractions.
- Increase waste and impacts the environment.



Contd...



- Can reduce jobs
- Trolls, abuse, stalking and exploitation
- Carpal tunnel syndrome and eye strain





IMPORTANCE

- AV aids are very useful for the teaching process.
- AV are great tools to catch the audience attention.
- It is important to use variety of teaching methods for students with varying preferences.
- An AV aid should also not distract a student from learning experiences.



CONCLUSION



In education, the projected aids develops effective social and presentation skills, develops group co-operation, creates creative ability, develops feeling of security and confidence. It promotes self expression, and promotes development learning in language and fine arts.





ASSESSMENT



1. What is mean by microscope?
2. What are all the types of microscope?
3. List down advantages of computer?
4. List down disadvantages of computer?
5. List down importance of AV aids?





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/auditvisual.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