



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



OPAQUE PROJECTOR



- A device which displays opaque materials by shining a bright lamp onto the object.
- A system of mirrors, prisms & imaging lens is used to focus an image of the material on screen.





PRINCIPLE



- Works on the principle of horizontal straight line projection with a lamp; plane mirror placed at 45 degree angle over the projector reflects the light so that it passes through the projection lens forming a magnified image on the screen.
- Large size requires darkroom with a fixed place.





PRECAUTIONS



- Handled carefully.
- Protected from breakage.
- Kept clean.
- Keep away from moisture.
- Preferably kept in a cool room.
- Switched off when not in use.





ADVANTAGES



- Stimulates attention.
- Arouses interest.
- Flat specimens like stamp, etc can be projected.
- Used for enlarging drawings, pictures & maps.
- Does not require any written or typed materials.
- Used for large groups.
- Better retention.
- Convenient to use.





DISADVANTAGES



- Costly equipment
- Requires careful handling.
- Electricity required.
- Very large and heavy object.
- Cannot be moved easily.
- Needs a dark room for projection.



FLIM STRIPS

- It is a series of sequenced slides on a piece of film covering a large portion of a lesson .
- 20 to 50 slides or frames are on about half meters to one and half meters long film strip.





Contd...



- Continuous strip of film consisting of individual frames or pictures arranged in a sequence usually with a specific title.
- A sequence of transparent still pictures with individual frames on a 35mm/8mm film.
- Tape recorder narration can be synchronized with a film strip.



Contd...



- Each strip contain between 12 & 18 or more pictures.
- Present a process in a logical consistency & continuity with still pictures; whole filmstrip makes a complete presentation.
- Used to stimulate emotions.
- Build attitudes & point out problems.



TYPES



- In discussion film strips continuous strip of film consisting of individual frames arranged in a sequence usually with explanatory titles.





Contd...



- In sound slide film instead of explanatory titles or spoken discussion, the recorded explanation is audible and is synchronized with the pictures.





GUIDELINES



- Select the filmstrip carefully to meet the needs of the topic to be taught.
- Preview before actual presentation.
- A rapport must be established between filmstrip & discussion topic.



ADVANTAGES



- Compact, convenient to handle & carry
- Can be easily stored.
- Can be supplemented with a recorded audiotape or verbal explanation.
- Provides a logical sequence in teaching.
- Economical visual material.
- Useful for group/individual study.



DISADVANTAGES



- Preparing the slides is a difficult job & requires a lot of effort.
- Need a dark room.
- Require electricity.
- Sequence cannot be changed.
- If the filmstrip is not supplemented with an audiotape, the verbal explanation needed.



Contd...



- Because the frames are permanently fixed in a certain order, it is not possible to alter the sequence of pictures without destroying the filmstrips.
- The sprocket holes can easily be damaged if not carefully handled.





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 Opaque projector?
2. What are all the types of film strips?
3. Advantages of opaque projector?
4. Precautions of opaque projector?
5. Guidelines of film stips?





REFERENCES



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Thank
you