

## UNIT V

### USE OF VISUAL AIDS AND EQUIPMENT

#### Objectives

Upon completion of this unit students will be able to:

1. Explain the purpose of visual aids.
2. List factors important to effective use of visual aids.
3. List factors important to effective use of a movie or video.
4. Name common plant and animal materials that can be used as visual aids.
5. Name common kinds of audio-visual instructional aids.

#### Purpose of Visual Aids

1. Save instructor time.
2. Stimulate student interest.
3. Increase retention of knowledge.
4. Stimulate the development of understandings and attitudes.

#### Effective Use of Visual Aids

1. Be clear on the purpose the visual aids are to serve.
2. Preview visual aids.
3. Introduce the visual aid.
4. Show the visual aids under good conditions.
5. Discuss the visual aid.
6. Apply the learning to the lesson.

#### Using a Movie or Video

1. Preview to insure quality and appropriateness for lesson.
2. Determine expectations of students.
3. Introduce to students and inform them of expectations.
4. Show in a favorable environment.
5. Review and evaluate.

#### Plant and Animal Materials as Visual Aids

1. Seeds of local crops
2. Plants grown locally (crops)
3. Important weeds
4. Fertilizers
5. Feeds
6. Spray materials
7. Parasites of animals
8. Materials for treating seed
9. Plants with diseases
10. Root crops
11. Fungi, such as rust and smut
12. Rocks and minerals
13. Diseased organs of animals
14. Samples of local soils

## Kinds of Audio-Visual Aids

1. Movies and videos
2. Filmstrips
3. Slides
4. Opaque projection materials
5. Overhead projection materials
6. Photographs
7. Preserved and mounted specimens
8. Products and equipment
9. Charts, graphs, maps
10. Models
11. Chalkboards
12. Displays
13. Field trips
14. Demonstrations

Remember, a picture is always better than an explanation. Likewise, the real thing is always better than a picture.