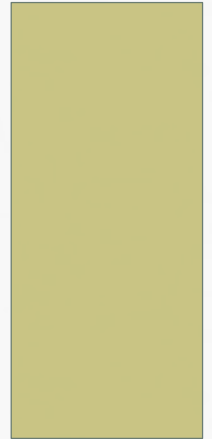


VIDEO IN EDUCATION

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Learning Objectives

- Reason for Using Video
- A Bit
- Identify 4 categories of videos

VIDEO CATEGORIES

[HTTP://BLOG.EDX.ORG/HOW-MOOC-VIDEO-
PRODUCTION-AFFECTS/](http://blog.edx.org/how-mooc-video-production-affects/)

Video

- Derived from the Latin (Vedi), means 'I see'.
- It means the image or the image displayed on the screen or television monitor.
- Message is delivered either in the form of text, audio and visual.



A Bit on Video Format...

- Using disk and tape with various type, size, shape, speed and mechanics 'playback'.
- Video disk sparkles and has a silver colored phonograph records. Created from the master video tape and then transferred to the disk using laser technology.
- Includes 30 minutes of movement and image frame spans 54000.
- The size of a video tape like 3/4", 1/2" and 8mm
- Now the format used are VCD, DVD and LCD. But the latest is using hard disk.



Video File Format

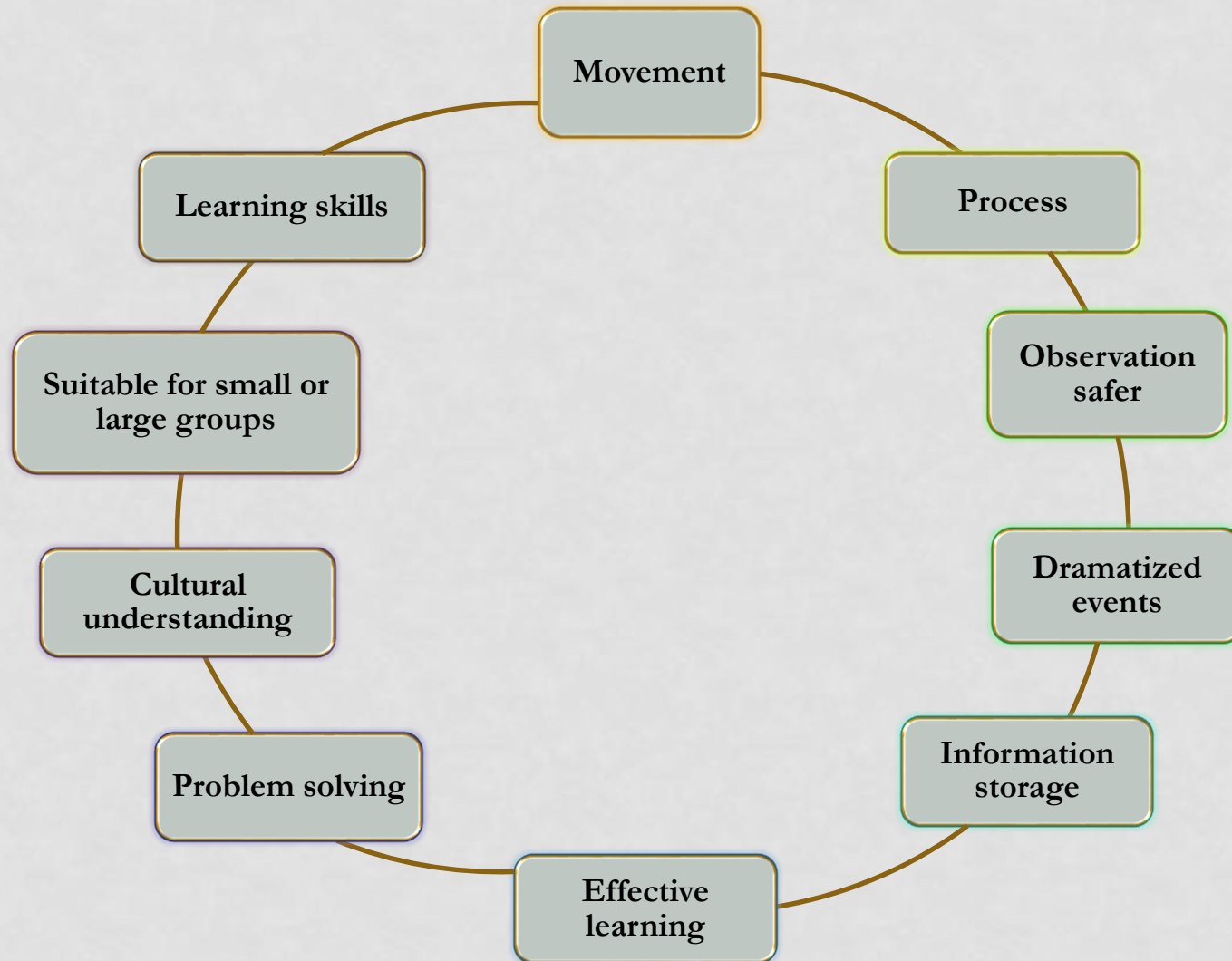
- avi
- dat
- mpeg, mpeg-4
- mpg
- 3gp
- vlc
- flv
- wmv
- amv



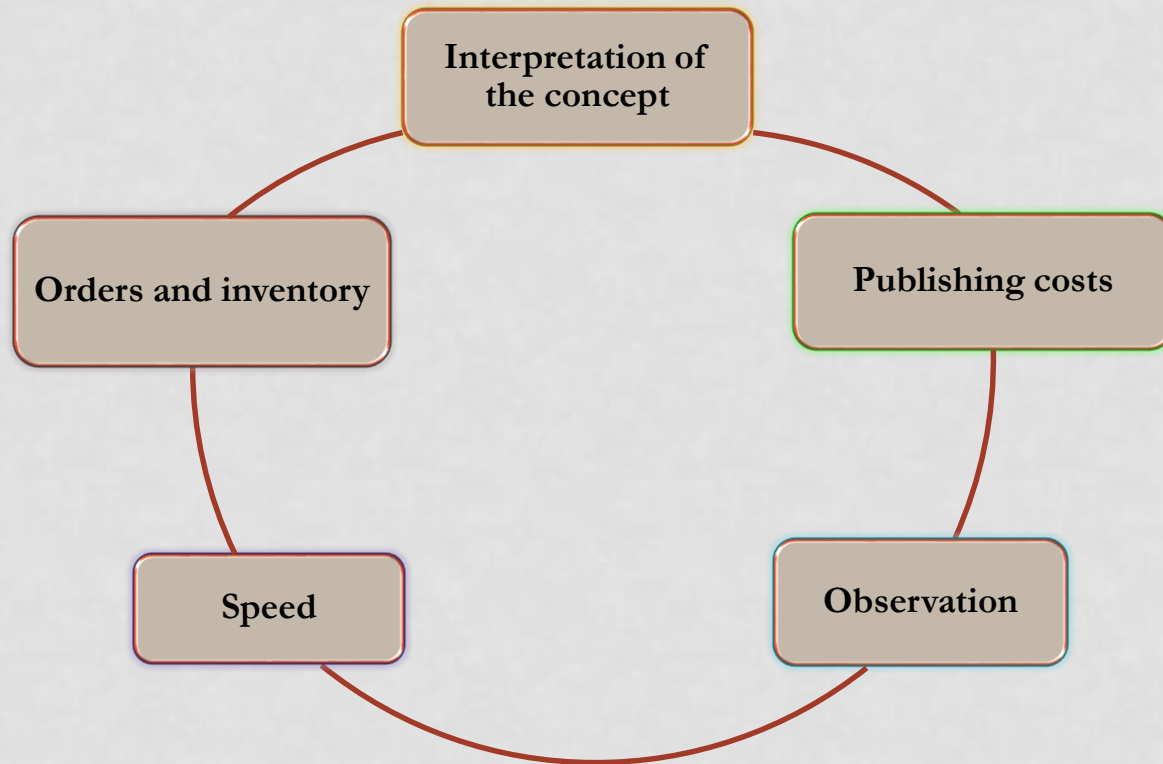
Video Characteristics

- **Manipulation of space**
- **Manipulation of time**
- **Slow motion technique**
- **Animation**

Advantages of Video



Video Limitation



Video Utilities

Preview



Preparations on environment



Preparation viewers



Presentation



Response

Camera Movement

Zoom in and out

Tilt up and down

Wipe pan

Pan left and right

Depress and elevate

Dolly or Truck in & out

Crab right and left

Basic Shot

Close-up(CU)

Medium Close-up (MCU)

Big Close-up (BCU)

Long Shot (LS)

Medium Shot (MS)

Medium Long Shot (MLS)

Very Long Shot (VLS)

Video Shooting

1. Identify video camera & blank tape.
2. Long shoot for editing.
3. Phrase - Lights, Camera, Action.
4. Follow the instructions - use the shoot list.
5. Make sure the audio is work - microphone.
6. Use a tripod.
7. Ensure an adequate light.

Preparations For Videos Publishing

Content

- Goals
- Evaluation
- Purpose

Time

- When the film created will be completed.
- The arrangements made to ensure that the filming is completed as planned.
- Amount of time required to complete filming.

Expenses

- What financial provisions that are.
- How the equipment will be used.
- Whether the vehicle is needed for filming.

Planning of Videos Publishing

Target audience

Objectives

Content

The impressions

Type of quality

Period required

Related resources

Work responsibilities

Shooting Equipment



Part of management (director)

- Scripting
- Studio preparation
- Equipment preparation
- Graphic



The video recording (manager)

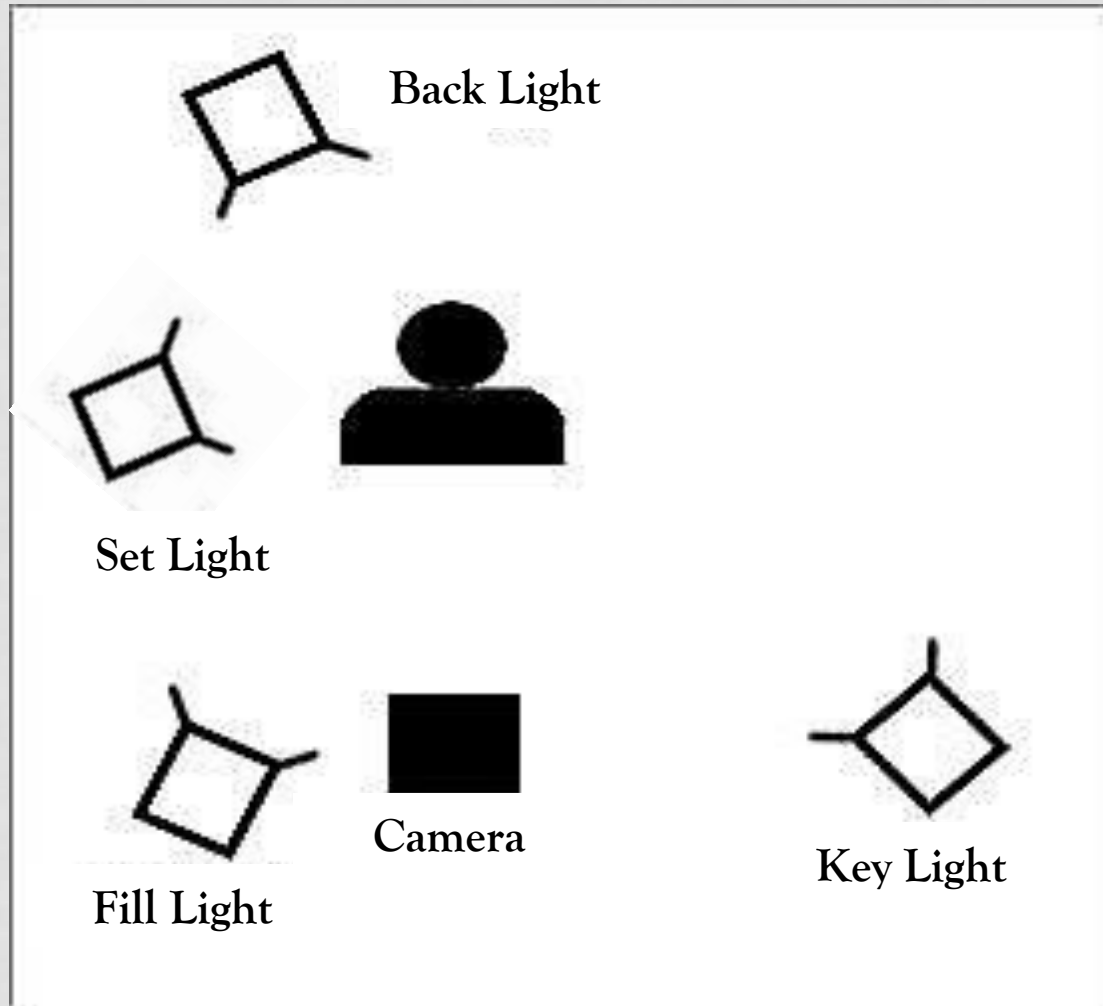
- Video recording
- Photographers guide
- Lighting



The combined voice and switcher

- Monitor
- Recorder
- Inputs and outputs resource

Basics of Lighting



Cont.

Key Light

- The key light is vital for video production lighting.
- It is placed about 45 degrees to the subject, either left or right, usually above and aimed down between 30 and 45-degrees.
- It is the dominant light

Fill Light

- Usually two or three stops dimmer than the key light.
- Its placement is at a near 45-degree angle on the opposite side of the camera, often on a level with the subject's face.
- The part of the shadow will be filled with light from this lamp .

Set Light

- To issue a special effects in the background.
- Preferably the lighting in the background is darker than the subject
- The aim is to focus on an object

Back Light

- Aimed to create three-dimensional effect on the object.
- Typically, the light is behind the object upper
- It is usually 45-degrees off the axis and shines down upon the subject.

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 **THANK YOU**