

Lesson Plan for Multimedia/Video Cameras

Strand:	Multimedia
Teachers:	Virginia Bruno (Berlin High School), Marlise Bryant (Mascenic Regional High School), John Dotski (Lisbon Regional High School), Paul Landry (Exeter High School), Judy Ann Lavery (Alvirne High School)
Subject:	IT & Me Works
Grade:	9th
Time:	3 – 5 hours
Objectives:	At the end of this lesson students will be able to: Identify the special considerations required for online video streams Discuss video data compression and video editing Explore video on the Web
Standards:	Graphics and Image Processing to Multimedia Publishing - Creates original audio, video and animation elements. <ul style="list-style-type: none">• The student will use information-gathering techniques and technologies in collecting analyzing, organizing, and presenting information• The student will work effectively with others, including people from diverse backgrounds, and contribute to group efforts by sharing ideas, suggestions, and workloads.• The student will demonstrate individual qualities such as responsibility, self-management, integrity, respect for self and others, flexibility, confidence and a willingness to explore.• The student will use a variety of methods, appropriate to the purpose and audience, to communicate effectively.
Setting:	Computer lab with access to the Internet, multimedia software, and peripherals
Materials:	None

Note – this lesson assumes the student has read pages 60-67 in *Multimedia Concepts*, Course Technology

- Teachers Role:**
- I. Discuss with the class what they have read (Understanding video, Understanding video compression and video editing, and Exploring video on the Web)

- II. Introduce students to various Internet sites that have streaming video. Have the students find some sites, download a short clip and insert it into Media Player for analysis.
- III. Explain what a digital video camera is. Demonstrate how to use the camera. Break the class into groups of two.

Assignment:

- I. Read pages 60-67 in *Multimedia concepts*, Course Technology
- II. Study clips from the Internet
 - 1) Choose a Web site that includes video, and study it
 - 2) Prepare a short report with the following information
 - a) Name of CD title or Web site URL
 - b) Purpose of the application (for example, entertainment, commerce)
 - c) Intended audience
 - d) How is the video used to improve the application? Be specific.
 - e) What would be the effect on the application if animation were not used?
 - f) If you were asked for ideas about replacing the video, what would you suggest?
- III. Each group will be responsible for creating a one-minute video clip about their school.
 - 1) Each group is to present their teacher with a written proposal as to what their video clip will be about for approval.
 - 2) Each group will share their video clip with the class.

Requirements	Possible Points	Points Earned
Analyze video clips	10	
Team work	5	
One-minute video	15	
Class presentation	10	
	40	