

## DHHS Thunder Video Production

Name:

Period:

Date:

### The Camera

1. List and describe the 3 basic parts of a camera.
2. CCD and CMOS are both types of what?
3. CCD and CMOS sensors convert what 3 colors into electronic information?

### Camera Movements

4. Name the camera movement that pivots the camera left and right.
5. Name the camera movement that pivots the camera up and down.
6. Name the camera movement that moves the *entire camera* left and right.
7. Name the camera movement that moves the *entire camera* in and out.
8. Name the camera movement that moves the *entire camera* up and down.
9. Name the camera movement that moves the *entire camera* in a curve pattern around an object.

### Camera Composition

10. What is the compositional rule that places key parts of the picture or action on one of the intersections of a tic-tac-toe grid?
11. What is the space between the head and the top of the screen called?
12. What is the space in front of a static object called?
13. What is the space in front of a moving object called?
14. What do you call a shot that consists of two people?
15. What composition principle suggests keeping cameras on one side of the action (e.g., football field)?

### Camera Shots

16. What shot establishes location or setting?
17. What shot consists of a broad field of view where the background dominates?
18. What shots shows objects from a medium distance or from the waist up?
19. What is a tightly framed shot where subject is viewed at close range (i.e., just the head)?
20. When using the above shot to film a persons face, what part of a person's face is most important?
21. What is an extremely tightly framed shot (i.e., just the eyes)?
22. Name the shot that typically shows the front of the primary subject (A) and the back of the head and shoulders of the secondary subject (B); common in dialogue scenes and interviews.
23. Similar to the shot above except the camera-near person is completely out of the shot.

### Camera Operation

24. What is the term that describes the adjustments to the camera to produce accurate colors both indoors and outdoors; makes white look white?
25. What controls the amount of light passing through the lens?

### Camera Supports

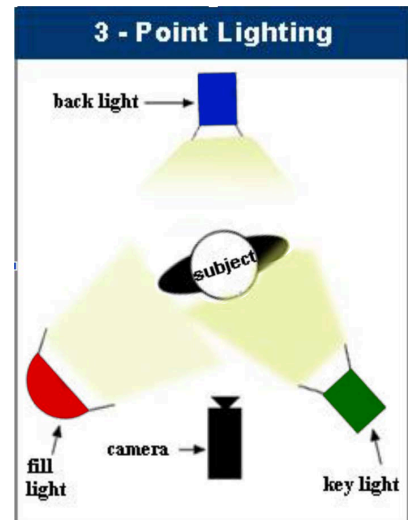
26. What is a three-legged camera support?
27. What is a one-legged support?
28. What is it called when you hold the camera in hand; often results in a shaky image?
29. If you don't have a support (meaning you are handheld), what can you do to reduce camera shake?

## Audio

30. What is the sounds in the background that many times are heard on your video?
31. Microphones convert \_\_\_\_\_ into \_\_\_\_\_. Speakers convert \_\_\_\_\_ to \_\_\_\_\_.
32. Sudden air blasts or Plosives (pops) can be reduced by using what?
33. What is the device that shows the strength of the audio level?
34. What does it mean to "Ride the Gain"?

## Lighting

1. Identify the different parts of a Three Point Lighting or Triangle Lighting setup:
  - a. Main light source, usually a spot light:
  - b. Lightens up shadows (falloff), usually a flood light: Separates subject from background, usually a spot light:
  - c. Separates subject from background, usually a spot light:
2. Silhouettes are created when the light \_\_\_\_\_ the subject is brighter than the light \_\_\_\_\_ of the subject.
3. When lighting a chroma key (green screen) background, the light should be as \_\_\_\_\_ as possible.



## Preproduction

4. What is the most important element of a production?
5. What are the following types of Preproduction:
  - a. Series of sketches showing the key visual points of a planned production
  - b. A list of every shot needed by a particular camera:
  - c. A document containing descriptions, actions, expressions, and dialogues of characters and scenes:
6. What are the 4 P's of storytelling?

## Postproduction (editing)

7. The most basic editing is done where?
8. Why do we edit?
9. What marks the beginning and end points of a video sequence?
10. An abrupt cut in the middle of a video clip is known as what?
11. What do you call a visual countdown by seconds at the beginning of a video production; used for cueing the media?
12. What is a transition?
13. What is the most common transition?
14. What transition type slowly replaces one clip with another?
15. What is the term that describes a unique address for each frame of video; broken down by hours, minutes, seconds, and frames?
16. What do you call the audio, typically music, that accompanies a film?
17. Put (in order) the editing process

## Visual Effects & Graphics

18. Name the special effect that removes a specified color. All colored areas are replaced by another video source. Frequently used in weather segments to show the meteorologist standing in front of graphics.
19. A graphic/text on the bottom third of the screen that usually provides specific information about the person or image on screen is called what?

## Television Standards

20. SD means what?
21. HD means what?
22. What are the 2 most common resolutions of HD?
23. What is the a definition 4x higher than 1080?
24. What is the standard frame rate for film?
25. What is the standard frame rate for video?

## Copyright

26. What is copyright infringement?

## Cables and mics (be able to identify these by picture)

<p>Stereo</p> 	<p>Mono</p> 	<p>HDMI</p> 	<p>RCA</p> 
<p>XLR</p> 			
<p>Audio Only</p>	<p>Boom or Shotgun mic</p>	<p>Stick or hand held mic</p>	<p>Lapel or Lavalier mic</p>

## Misc. NOTES

27. When exporting your video, what is Codec or Containers?