

# DIGITAL MEDIA E-5

## EXPLORING DIGITAL MEDIA

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# AGENDA

- Discuss The Fall
- Review of exposure controls
  - Equivalency Quiz
- Review of depth of field
  - Breakout Groups
    - Discuss use of depth of field
- Photo Essays



THE FALL

















# ISO

- Sensitivity of Sensor to light
- What is one stop?
  - Doubling or halving the ISO value
- Artifacts
  - Noise
    - First appears in the shadows

# SHUTTER SPEED

- Time that the sensor is exposed to light
- What is one stop?
  - Doubling or halving shutter speed
- Artifacts
  - Motion Blur
    - Slow speeds = More blur
    - Fast Speeds = Frozen action

# APERTURE

- The size of the opening within the lens
- What is one stop?
  - Increasing the f-stop by one
- Artifacts
  - Depth of field
    - Large opening (Small f number)
      - Shallow depth of field
    - Small opening (Large f number)
      - Deep depth of field



# DEPTH OF FIELD

- Aperture
  - Double the Aperture double the DOF
- Focusing Distance
  - Doubling the distance yields 4x DOF
- Focal Length of lens
  - Doubling the focal length yields  $\frac{1}{4}$  DOF

# EXPOSURE EQUIVALENCIES

ISO	APERTURE	SHUTTER SPEED
400	F 5.6	1/125
200	F 1.4	?

# EXPOSURE EQUIVALENCIES

ISO	APERTURE	SHUTTER SPEED
400	F 5.6	1/125
3200	?	1/60

# EXPOSURE EQUIVALENCIES

ISO	APERTURE	SHUTTER SPEED
400	F 5.6	1/125
640	F 9	?

WHAT IS THE PRIMARY VISUAL ARTIFACT































# THE PHOTO ESSAY

- Narrative
  - Tells a story or shows an unfolding of events.
- Thematic
  - Presents photos relevant to a theme.

# THE PHOTO ESSAY

- Observational
  - Showcases events and reality as it unfolds with minimal interpretation
  - Cinéma Vérité

# THE PHOTO ESSAY

- Impressionistic
  - Focuses on creating an emotional tone and tends toward a poetic interpretation of the subject.

# THE PHOTO ESSAY

- Reflexive
  - Showcases the relationship of the photographer to the subject.
  - Often Autobiographical



# SMALL GROUPS

- Using the following photo essays
- Analyze the methods used
  - Decide whether the series is thematic or narrative
  - Is the methodology observational, Reflexive or Impressionistic
- Decide how effective the sequencing and arrangement are.

# GROUP 1

From the series

*Country Doctor* by Eugene Smith

# GROUP 1



# GROUP 1



# GROUP 1





# GROUP 1



# GROUP 1





# GROUP 1



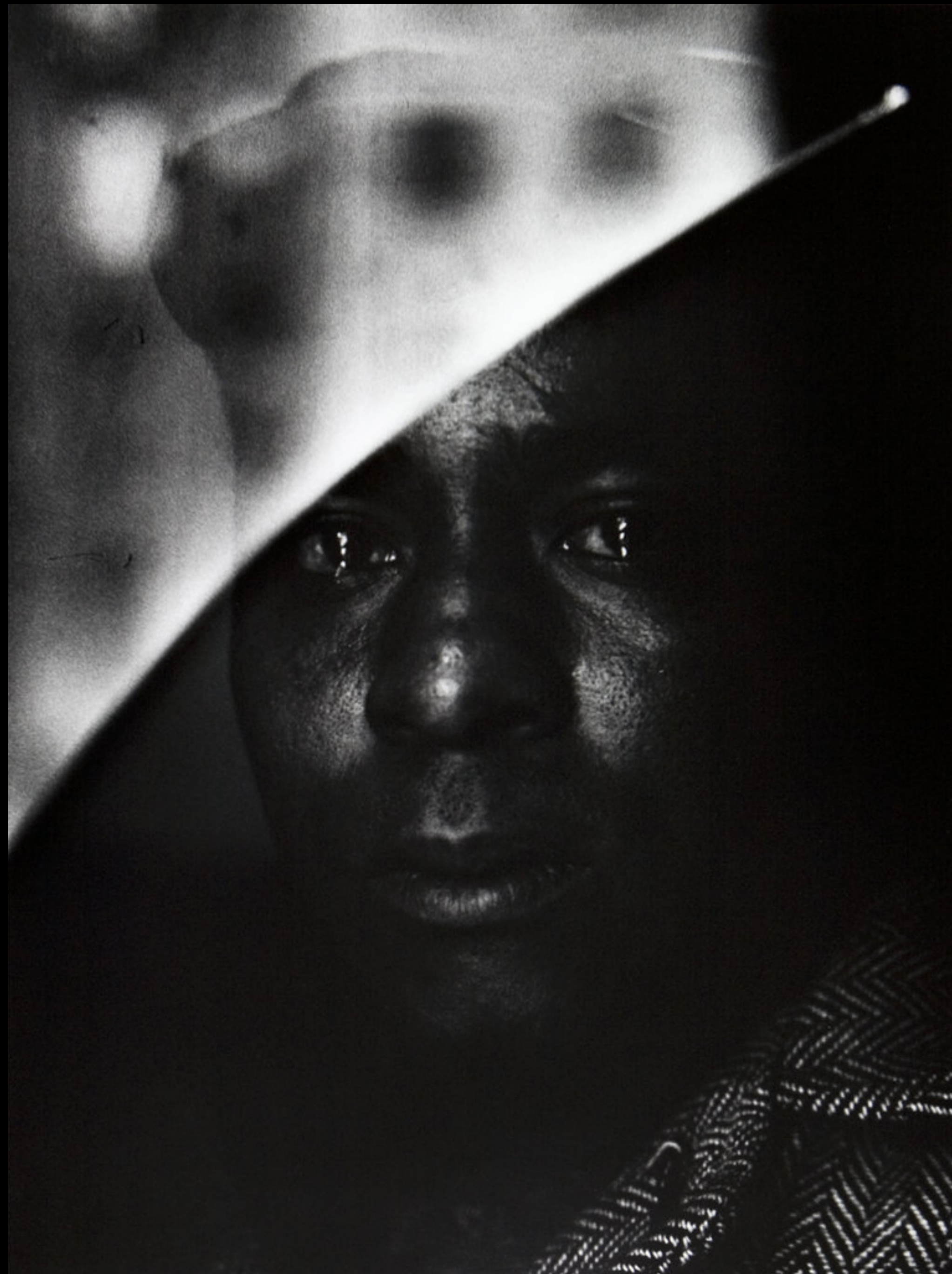


# GROUP 2

From the series

*Harlem Family* by Gordon parks

# GROUP 2





# GROUP 2



# GROUP 2





# GROUP 2



# GROUP 2



# GROUP 2





# GROUP 3

From the series  
*Joyrider* by Ross McDonnell

# GROUP 3





# GROUP 3



# GROUP 3





# GROUP 3



# GROUP 3





# GROUP 3

