DIGITAL MEDIA E-5 EXPLORING DIGITAL MEDIA

AGENDA

- Discuss The Fall
- Review of exposure controls
 - Equivalency Quiz
- Review of Depth of Field
 - Breakout groups
 - Discuss uses of depth of field
- Photo Essays

THE FALL













ISO

- Sensitivity of the 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
 - Sample duration
- 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?
 - Doubling or halving the area of the aperture opening
 - Moving up or down the f-number scale by one unit
- 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
 - (one stop)
- Focusing distance
 - Doubling the distance yields 4x the DOF
- Focal length of the lens
 - Doubling the focal length yields ¼ the 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















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

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

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

- 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 effect the sequencing and arrangement are.

From the series

Country Doctor by Eugene Smith







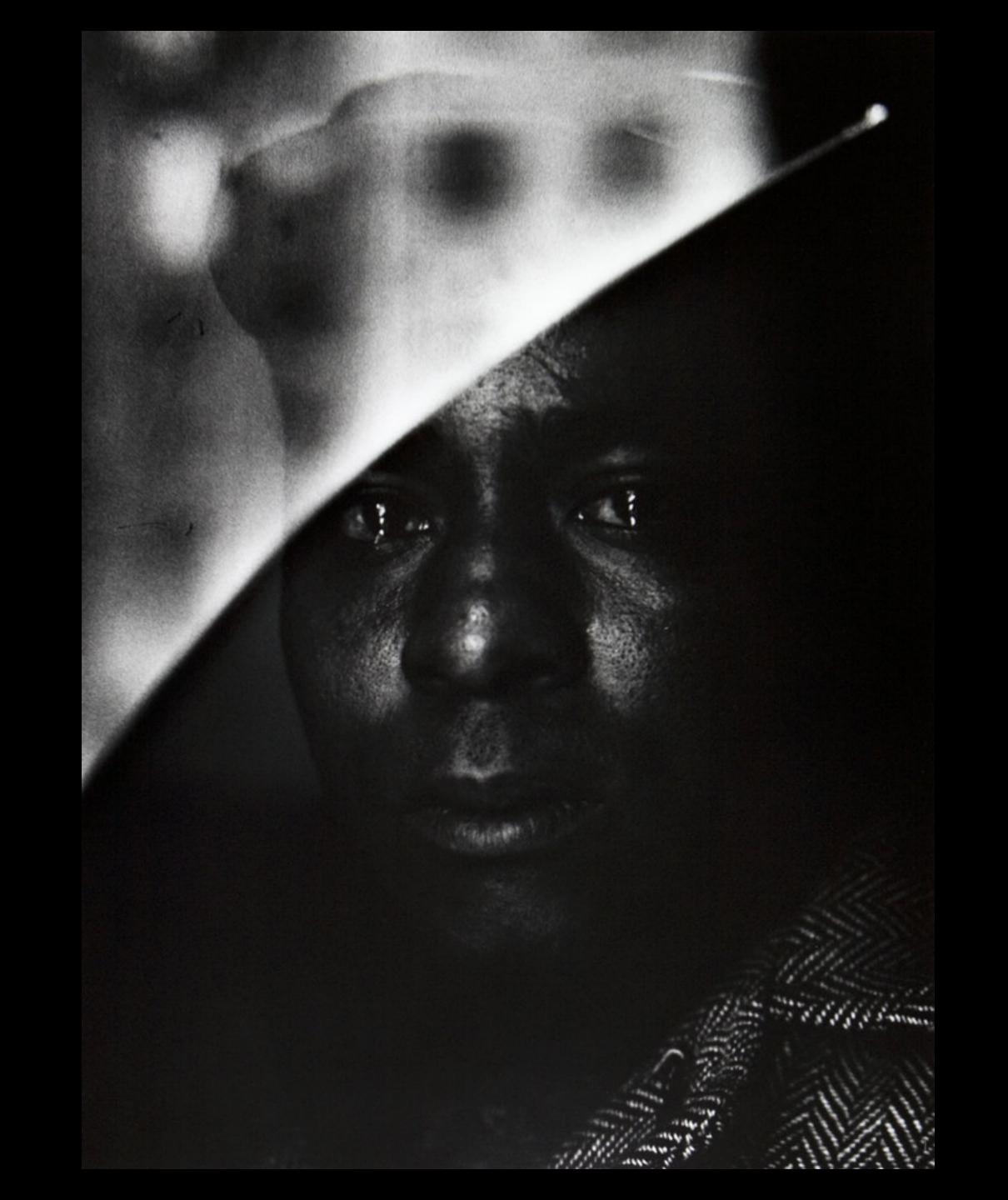




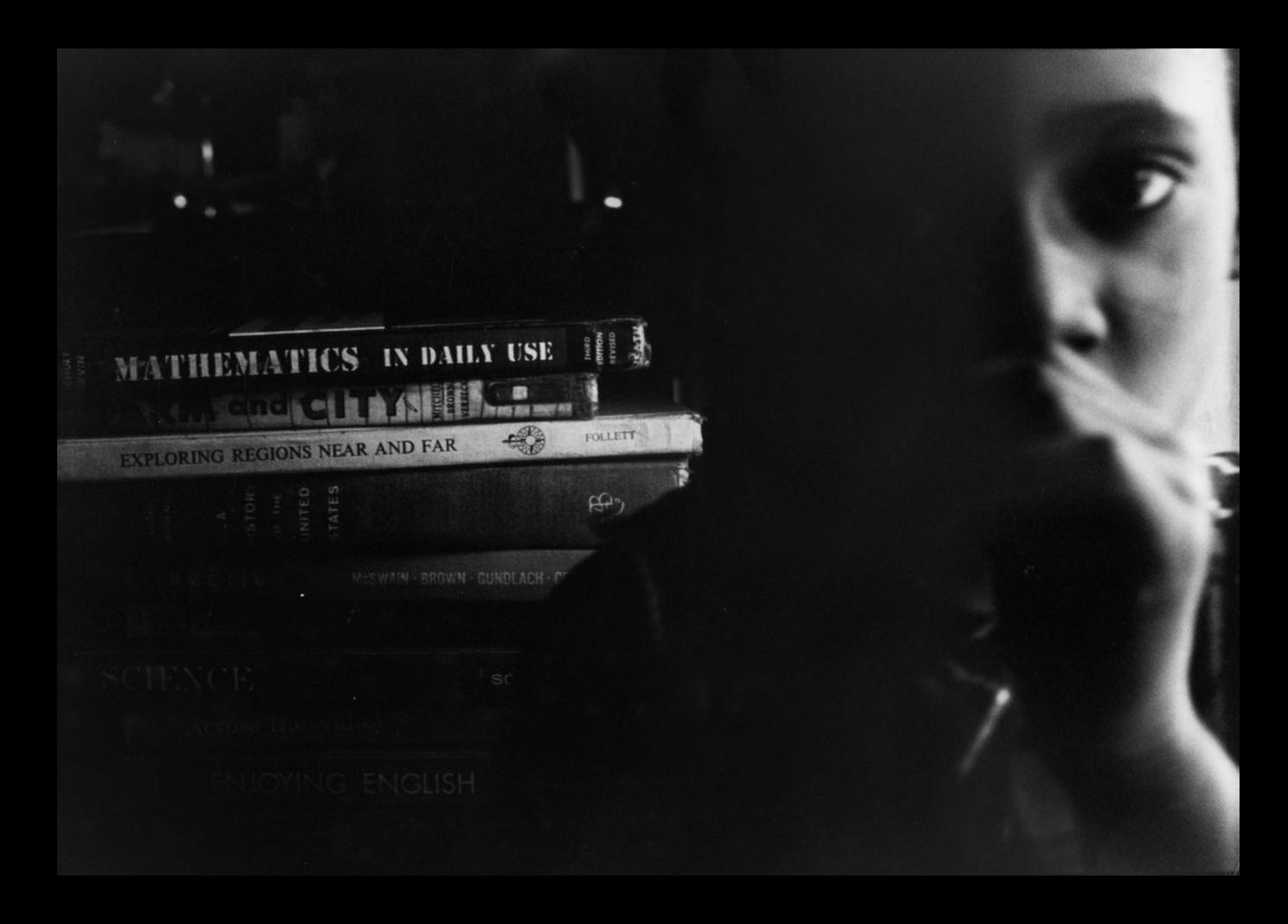


From the series

Harlem Family by Gordon parks











From the series

Joyrider by Ross McDonnell











