

# Blur and Pan Motion



Patrick Smith

What is the optimal shutter speed to create pan or blur motion (when the camera is hand-held as opposed to on a tripod)?

# Shutter Speed to Use for Pan and Blur

## 1/60

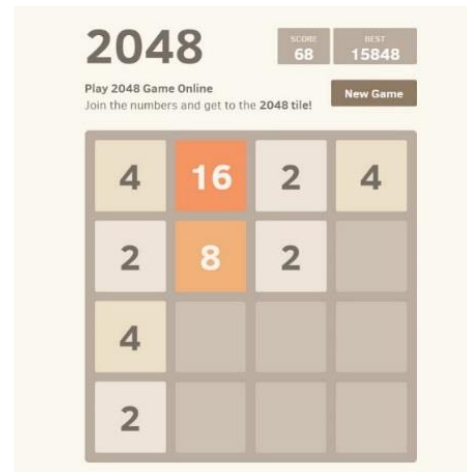
60

As it is displayed on a DSLR or Film Camera

# Doubling Comparison for Shutter Speeds

- Doubling Sequence

- 1
- 2
- 4
- 8
- 16
- 32
- 64
- 128
- 256
- 512
- 1024
- **2048**



- Camera Shutter Speeds

- 1
- 2
- 4
- 8
- 15
- 30
- 60
- 125
- 250
- 500
- 1000
- **2000**

Motion

Blur













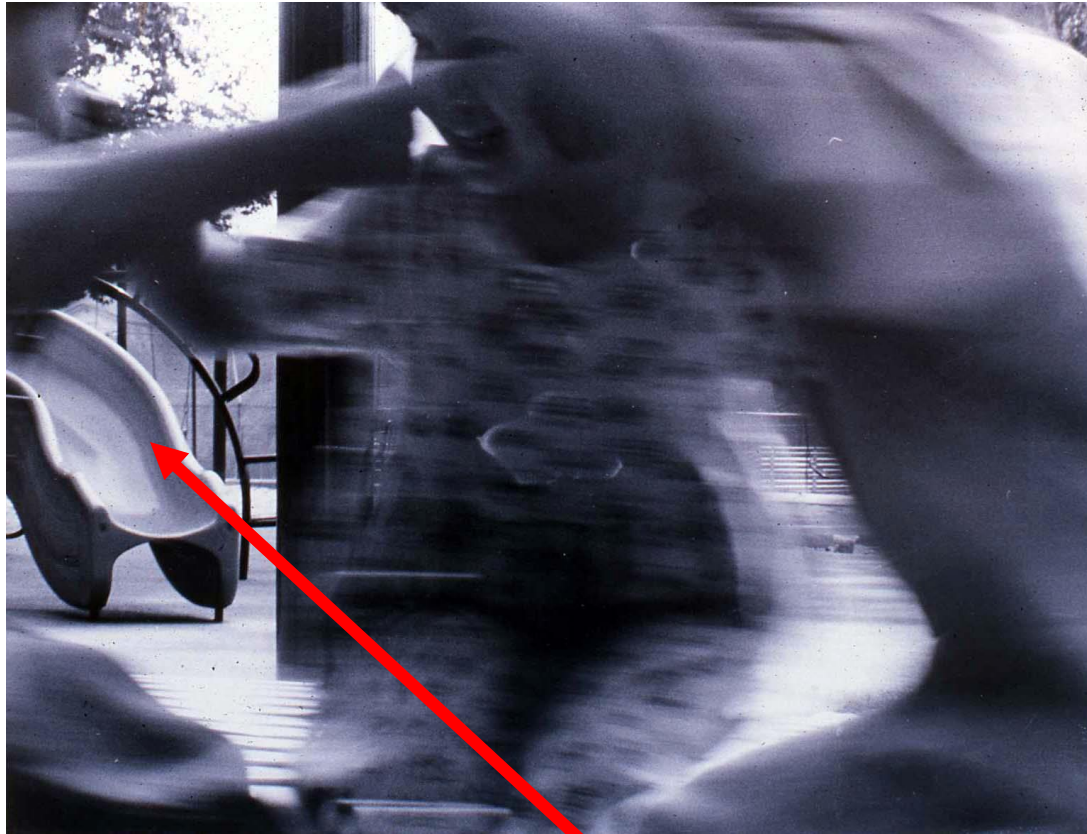
**Fran Gonzalez**





Bella Longo

# Hold camera steady to keep background in focus



In focus

blurry

Motion

Pan













*Lizzie Wilson*



Ryan Paige



**SHARA BANH**





Sarah Bean



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language in dealing with photographs.  
DR. ARNOLD RUSTIN



Thomas Schuler, *Minor White*, Undated

# Useful Wall for Pan and Blur Backdrop



# Composition - Blur

- Get background in focus
- Hold camera steady
- Subject moves across or down your field of view
- Pay attention to the **negative space** – avoid mergers



# Composition - Pan

- Focus on subject first
- Follow the subject with your camera
- After you shoot the exposure, continue to follow the subject to avoid blurring the subject – exaggerate the motion



# Moving cars are good subjects to photograph BUT



- Be aware that you really should not be photographing people you do not know
- I would not advise you to take photos of anyone driving by that does not have your permission to shoot exposures

Keep your tongue tucked in when modeling for motion photography



# Be aware of where you are stepping



Pothole in the grass

Set camera down in safe place if you are the model in motion

