ASSIGNMENT 03 | MOTION

Exploring Shutter Speed with a Pinwheel

Six shutter speeds, one subject. Watch blur turn into a frozen frame.

PHOTOGRAPHY & VIDEO I
9th grade, Semester 2
Mr. Nizzani

DUE
Week 10, Tuesday
9:00 pm on Schoology

6
shutter speeds

M
mode, on a tripod

1
slide, PDF or JPG

The goal All six frames are equally bright. Only the motion changes.

STEP BY STEP

01 Set up the station



- Camera on the tripod, mode dial to M.
- Pinwheel in front of the fan, fully in the frame.

02 Lock the focus



- Focus on the pinwheel, then switch to MF.
- Do not touch the framing again.

03 Shoot all six



- 1/8 at ISO 100, up to 1/250 at ISO 3200.
- Double the speed, double the ISO.

04 Build the slide



- Blurriest to sharpest, two rows.
- Label each photo with its shutter speed.

Watch out

- **Frames getting darker.** You forgot to raise the ISO.
- **The camera moved.** Start over. Same framing for all six.
- **Wrong order on the slide.** Blurriest first.

Turn it in Upload one slide (PDF or JPG) with all six photos in order to Assignment 03.

Check before you submit

- [ ] Six speeds, 1/8 to 1/250
- [ ] Tripod, same framing
- [ ] ISO doubled each step
- [ ] Blurriest to sharpest
- [ ] Equal brightness
- [ ] Each photo labeled

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