

Shutter-Speed: Blur & Freeze

Photography 11 & 12

Task: Test out effects of Shutter Speed by taking pairs of photos that capture both blur or freeze scenes. The subjects and locations are up to you, but you need to have 3 different pairs of photos. You will have 6 photos in total.

Some ideas for this assignment:

- Spinning a coin
- Someone walking or running
- Rolling or bouncing a ball
- Someone waving their hand(s) or the phone with the light on
- Running water

Use these Camera Settings:

- Auto ISO
- Automatic White-Balance
- Shutter Priority (TV)
- Manual Focus (try this first) or Auto Focus

Taking Pictures

1. Use camera settings as specified above
2. Set-up camera approx. 1 meter away from a 'moving' object (ex: person waving) – manually focus on object – this will stay the same for both pictures.
3. Set a **SLOW Shutter-Speed (Ex: 1/10 OR 10" (=10 seconds); take a picture!**
4. Set a **FAST Shutter-Speed (Ex: 1/1000); take a picture!**
5. **Review images**—can you see the blurry/crisp movement? **YES**—keep taking photos. **NO**—try from the beginning OR see Mr. Goldsack.

Repeat these steps for your other 2 pairs of photos.

Criteria

- 6 Shutter Speed comparison photos. (6 marks)
- Even lighting (exposure) in each image. (3 marks)
- Each photo labelled with Shutter Speed used. (3 marks)
- Final file converted to PDF (2 marks)
- Final file sent to Mr. Goldsack (1 mark)

Total Value: 15 marks

Check below for an example of a comparison...

Shutter-Speed Example: (don't use these numbers—these are just visual examples)



Apperture: F14
Shutter Speed: 1/200



Shutter Speed
Apperture: F25
Shutter Speed: 1/10