

Triangle of Exposure

THEORY SECTION

Step 1: Watch the following videos

“Understanding the Exposure Triangle | How to Shoot in Manual”

By: [John Branch IV Photography](#)

<https://www.youtube.com/watch?v=lqeuEZ0CYJs>



“How to Shoot Manual in 10 Minutes - Beginner Photography Tutorial”

By: Hyun Ralph Jeong

<https://www.youtube.com/watch?v=uyXiWF3ml2s>



OPTIONAL VIDEO

“The Exposure Triangle For Beginners | Explained In Under 15 Minutes”

By: [Creative Tech Lab](#)

<https://www.youtube.com/watch?v=-f2ejkQepxE>



Step 2: Answer **ALL** of the following questions:

1. Describe the relationship between aperture, shutter speed, and ISO in the exposure triangle:
 - i. What is the aperture in photography and how does it affect the exposure of an image?
 - ii. Define shutter speed and its role in the exposure triangle?
 - iii. Describe what ISO represents in photography and how it contributes to the exposure triangle.
2. How does adjustments in one element compensate for changes in another?



Step 3: Choose **one** question to answer:

1. Provide examples of real-life scenarios where you might prioritize one element of the exposure triangle over the others and why.
2. In a low-light situation, describe how you would adjust the elements of the exposure triangle to capture a well-exposed image.
3. How might the choice of aperture, shutter speed, and ISO differ when photographing a fast-moving subject in bright daylight compared to a static subject in low light?



Extending - Answer any of the questions for extra marks!

- A. Discuss how manipulating the elements of the exposure triangle can be used for creative purposes in photography.
- B. Provide examples of how a photographer might intentionally use a wide aperture, slow shutter speed, or high ISO to achieve a specific artistic effect.



SUBMIT YOUR WORK!

- Complete your work in a word document and upload it into **Google Classrooms**
- Proceed onto the **Practical Practice** section

