

f-stop/aperture

- a low aperture lets more light in which means there will be a lot of variety in the focus of the picture, some will be sharp and some will be soft focus.
- a high aperture means all of it will be sharp, but it will let less light in.

shutter speed

the higher the shutter speed, the sharper the photograph. but the less light it lets in, so if you don't have enough light you'll have to lower it.

the lower the f-stop the higher the aperture



ISO

If there isn't much light around and lowering your shutter speed is making your pictures blurry you can make the ISO higher.

the camera uses its intelligence to add more pixels into the photo and make it look lighter. But, it makes it look dirty and grainy if you go too high.

white balance

natural light, light from a lamp or light from a flash can tint your pictures different colours. so you need to change the white balance depending on the light. don't worry most cameras do this just fine automatically