



Flash-Course Photography



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Introduction

OVERVIEW

We all have moments of our lives that we like to reflect upon. Like a snapshot back into time, our memory enables us to remember the important moments of life. Over time our memory tends to fade and the vibrancy of those memories fade away with it. That is why the invention of the camera has become so influential in our everyday lives.

Photography is used to help capture important moments in life such as birthday parties, graduations, weddings, sports games, and many other important events. Photography helps connect us to the past, seeing memories and facts of the years now gone. Along with preserving the past, you can preserve the beauty and intricate details of the subject in focus.

Handheld smart devices such as cellphones and tablets enable us to access our photography skills every day. You've probably even seen the big, fancy cameras that photographers use to capture high definition pictures. In today's lesson, we will discuss the two different types of cameras: compact cameras and Digital Single Lens Reflex (DSLR) cameras.



Camera Types

COMPACT VS. DSLR

Compact cameras are small in size making them easy to take with you and super easy to operate. These cameras are a good starter camera to help build up experience. Unfortunately, the photo quality of compact cameras is not as good as a DSLR camera. Compact cameras are not as detail oriented as DSLR so the key components of lighting, depth of field, and shutter speed is lacking.

Come back again tomorrow and we will be talking about why lighting, depth of field and attention to detail are important.

Now let's talk about DSLR cameras- the professional-grade cameras. This type of camera is versatile because you can change the span of your images using different lenses. Some common lenses are the ultra wide angle (fisheye), wide angle, standard and short telephoto. DSLR cameras allow you to manually change the settings for lighting, depth of field, and shutter speed. The negatives to DSLR cameras are that they are expensive, large and bulky- they are not easy to bring with you.

COMPACT



DSLR



Sweet Treat

SUGGESTED SUPPLIES

Cookie Baking Sheet
Non-stick Spray, Butter, or Margarine
Sugar Cookie Dough
Vanilla or Chocolate Icing
1/4 inch Apple slices (long, thin slices)
1 Rice Cake
1 Banana, 2 end slices and 1 small half-slice
1 Kiwi
1 Strawberry



EXPERIMENT

In photography, paying attention to detail and precise timing is often what lands photographers the best shot, or picture. Today we will use our attention to detail skills to create an edible camera made out of sugar cookie dough, icing and whatever fruit or vegetables you would like to use. Be as creative as you would like!

1. First, we need to complete our prep-work. Just as photographers have to plan and prepare for the perfect picture, we must get ready for creating our camera. Pre-heat your oven to 350 degrees. Grease your cookie baking sheet with non-stick spray, butter, or margarine.

2. Now, we have to make the body of our camera. Using your cookie dough, create a rectangle using similar dimensions to that of a smart phone. Be sure that your dough is not too thin and not too thick. Too-thin dough is more likely to burn, and too-thick dough will not cook evenly. Bake for 8-10 minutes or until your cookie is golden brown.

3. After safely removing your cookie and letting it cool, apply a thin layer of the icing of your choice to the top of the cookie. This will serve as the body's binding agent.

4. Place your thin apple slices across your cookie dough body.

5. Now its time to create your camera's lens. Place the rice cake in the middle of your camera's body, and then a kiwi slice, and top it off with a strawberry slice.

7. Use your 2 end-banana slices to place the shutter release and main command dial on the top of your camera's body. Using the single half-banana slice, create the lens release button by placing it to the right side of your rice cake.

