Disassembly and Study of a Single Use Camera.

Some of the most important functional parts of the camera would be the lens, the shutter, the circuit board and battery and the film. Every part used is essential to have a working camera but these are some of the most important. The lens allows an image to be projected onto the film while the opening and closing of the shutter allows light to enter the lens which is what creates the image on the film. The circuit board and the battery work together to allow the camera to have a flash which helps more light enter the lens to get a better picture in a dark or dim lit room using this camera. All of the little parts that make up the camera help to make this process possible. The plastic cover protects all of the tiny parts on the inside. And prevents light from getting in the camera which would deem the film unusable. Inside there’s also a smaller plastic piece which is kind of the skeleton of the camera. It holds all of the pieces in place and is specifically designed to fit all the parts securely. There is also the button on top, when combined with a few other small pieces is able to open and close the shutter which is what takes the picture. The film is held on a spool and as you take pictures and turn the knob at the top (which conveniently stops moving once you get to the next film space) the film gets fed into a film canister which can be safely exposed to light without ruining the film. This is how you are able to get and develop your films when you’re finished. There’s also a knob on the top that tells you how many images you can take still with this film. The last functional piece would be the eye piece that allows you to see what you’re seeing using two little pieces of glass which project the image to your eye in the exact way it would look on the film.

A lot of the cameras now are actually made up of old recycled Kodak cameras. Nearly every part can be recycled. The internal parts are directly reused as long as they are still functional so a definite
time is unclear. However the bigger pieces like the big plastic pieces are generally ground up and recycled. The assembly and disassembly is pretty simple. First you take off the plastic parts that are just clipped on and most people just need to stop here to get their film out. However, going even further there were only a couple pieces that needed to be unscrewed including the lens area and a small piece on the top but most of the other pieces could just be taken apart and just as easily put back together by hand. Everything fits very nicely into the inner plastic piece as long as you pay close attention to the little pieces especially while disassembling, the reassembly is easy.