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Disassembly of a single use camera

a. There are multiple functional components in the sample camera the primary functions of taking the picture are made by the lens, shutter mechanism, and the film. The function of the lens is to display what the user see on to the film. When light is exposed to the film it captures the image that the user sees. The shutter mechanism is to keep the film from being exposed at all times.

   Lens          Film          Shutter

b. The parts and components are arranged so that the gears of each components work off of each other and produce the shutter mechanism to open. There are springs connecting the gears so that when you press the button down to take the picture the shutter component comes out from above the lens.

c. To disable to camera was very simple we just had to snap it apart and pull the pieces apart.

   Putting the camera back together was a different story and we had to watch a video on how to
put it back together. When putting it back together we had to take each piece and look at it like a puzzle on how it would fit together. Pieces that are just used for parts are like the outer frame because it does not have a primary function.
e. The parts that are reusable are the plastic parts and they can be used until they break. The film and the circuit cannot be reused.