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### **Front Cover**

Material: Plastic

Function: Protects the inner parts of the camera



### **Back Cover**

Material: Plastic

Function: Protects the inner parts of the camera



### **Inner Casing**

Material: Plastic

Function: Holds camera components together



### **Film Revolving Disc**

Material: Plastic

Function: Advances film after picture is taken



### **Gear**

Material: Plastic

Function: Pulls film as film revolving disc is turned



### **Photo Number Indicator**

Material: Plastic

Function: Indicates number of photos taken



### **Activating Button**

Material: Plastic

Function: Causes components to move for one picture



### **Viewfinder**

Material: Plastic

Function: Lets user see image that will be captured by picture



### **Film Lock**

Material: Plastic

Function: Stops components after one cycle



### **Shutter**

Material: Steel

Function: Opens when picture is taken



### **Shutter Spring**

Material: Steel

Function: Pulls shutter back into place



### **Lens Holder Casing**

Material: Plastic

Function: Holds the lens holder in place



### **Battery**

Material: Varied materials

Function: Charges flash



### **Flash/Circuitry**

Material: Electrical components

Function: Provides the flash of light



### **Shutter Activator**

Material: Plastic

Function: Activates the shutter



### **Shutter Activator Spring**

Material: Steel

Function: Spring for the shutter activator



### **Film Holder**

Material: Plastic

Function: Holds the unused film



### **Film Cartridge**

Material: Varied Materials

Function: Holds the used film



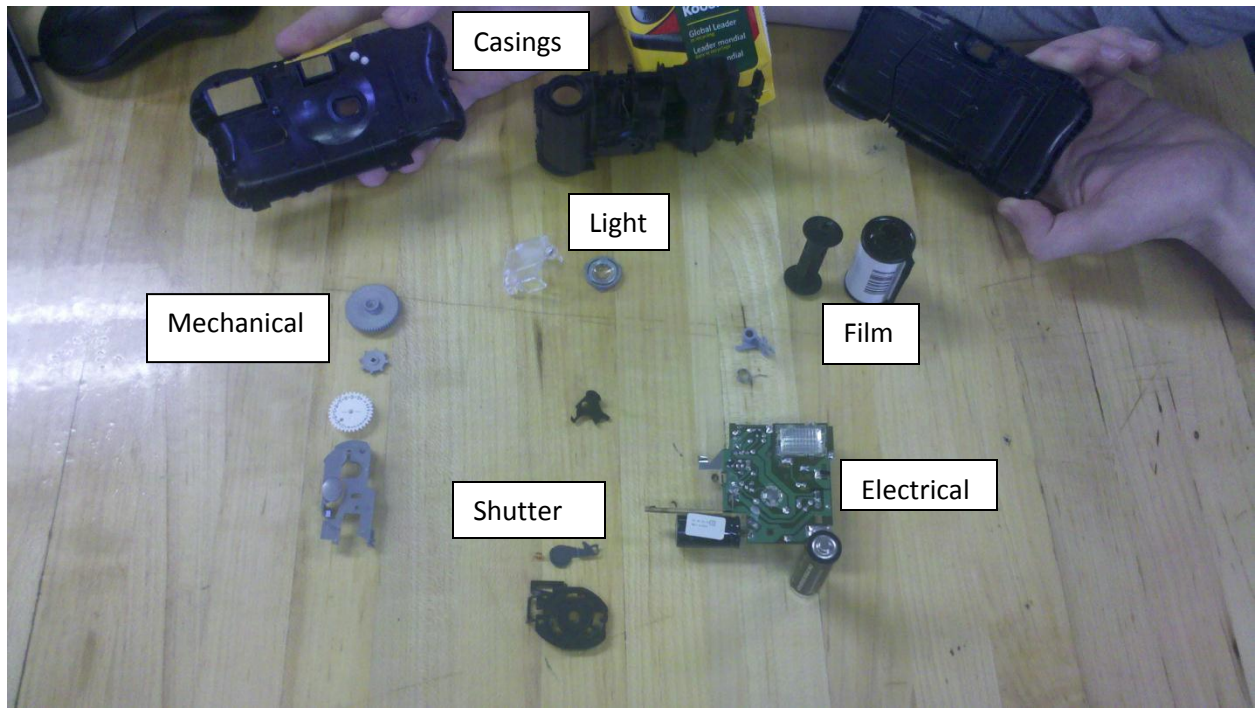
### **Lens and Lens Holder**

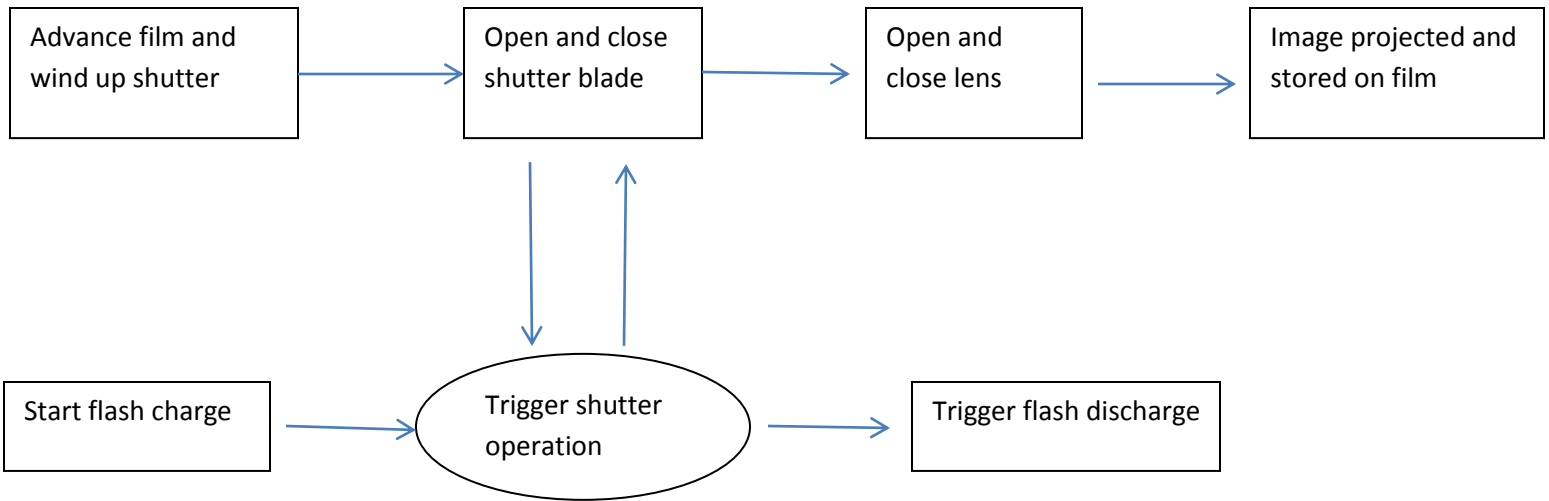
Material: Plastic

Function: Lens holder holds lens in place and lens focuses light on film









## **Reuse and Recycling**

Single use cameras are commonly recycled and used to make new cameras. Nearly every part of the camera can be reused or recycled. Single use cameras are recycled at a rate of 84%. Internal parts of the camera that are in good condition are reused in new cameras. Other parts, such as the plastic outer casing, are ground up and recycled.

[http://www.kodak.com/ek/US/en/Global\\_Sustainability/Health\\_Safety\\_and\\_Environment/HSE\\_Support\\_Center/Product\\_End\\_of\\_Life\\_Management/Single\\_Use\\_Cameras.htm](http://www.kodak.com/ek/US/en/Global_Sustainability/Health_Safety_and_Environment/HSE_Support_Center/Product_End_of_Life_Management/Single_Use_Cameras.htm)

## **Redesign of Camera**

One aspect of the single use camera that can be redesigned is the battery. We suggest that they start using rechargeable batteries in their cameras. The manufacturers can recharge the dead batteries and reuse them in new cameras. This would reduce waste from the batteries because normal batteries only last about 8 cycles before they have to be disposed of.