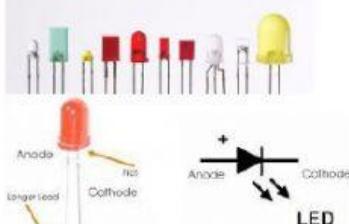
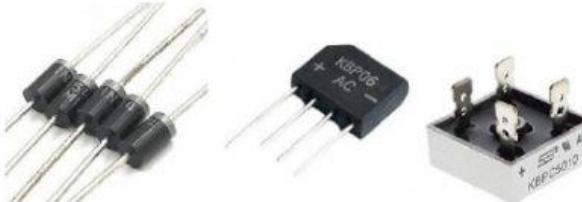
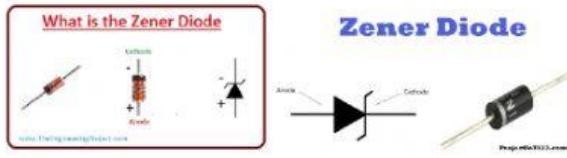


This Worksheet provides evidences for the GC 1.8

GC

GC1.8 Describe at least four different types of diodes, their function, applications, and symbols. The types include, single diode, LED, Photodiode and Zener diode.

Q1) Match the diode type with its applications.

No.	Diode type	No.	Application
1			Used as indicator in electronic devices and the powerful type is used as low consumption light source.
2			Used to rectify AC power signals into DC. It could be also used for protecting circuits from high reverse currents.
3			Used to regulate the input voltage to a fixed value to protect circuits, provide stable power supply and control load currents.
4			Used as light sensor, IR transmitter and receiver to trigger circuit and provide selective control such as remote control, light switch, and used in proximity sensors.