

# STUDENT TASK

**ELECTRONICS**



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In preparation for year one, you have some work to do over the summer.

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## TASK

Find the symbol or symbols used for the following components.

Switch,  
Light dependent resistor (LDR),  
Thermistor,  
Photodiode,  
Microphone,  
Variable resistor,  
Potentiometer,  
Resistor,  
Capacitor,  
Electrolytic capacitor,  
Inductor,  
NPN transistor,  
PNP transistor,  
N channel MOSFET,  
Diode,  
Zener diode,  
Op-amp,  
Schmitt inverter,  
NOT gate,  
AND gate,  
OR gate,  
NAND gate,  
NOR gate,  
XOR gate,  
XNOR gate,  
Voltmeter,  
Ammeter,  
Buzzer,  
Speaker,  
Signal lamp,  
Filament lamp,  
Light emitting diode (LED),  
Heater,  
Motor,  
Relay,  
Cell Battery,  
AC supply,  
Transformer.