

LESSON STARTER - INPUTS AND OUTPUTS

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On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

This exercise can be printed and used by teachers and students. It is recommended that you view the website (www.technologystudent.com) before attempting the design sheet .

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Below are a number of inputs and outputs that are connected to PIC micro-controllers. Cut out each of the components and glue them on the second sheet in the correct position. Remember, they are either an INPUT or an OUTPUT.

Join the inputs and outputs to the PIC micro-controller. If using colours - positive wires are red and negative wires are black.

TOGGLE SWITCH



LDR



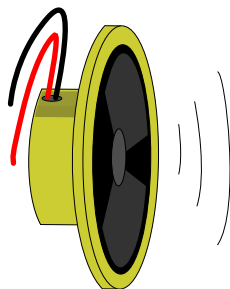
LED



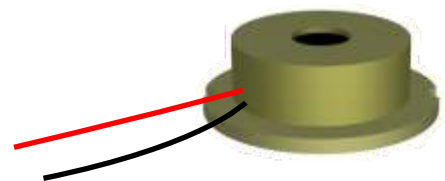
MICRO-SWITCH



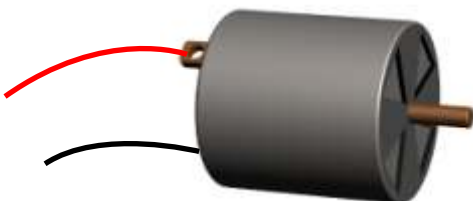
SPEAKER



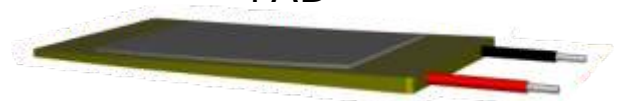
BUZZER



MOTOR



PRESSURE PAD



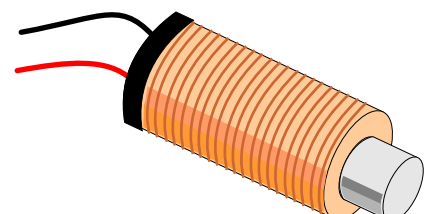
BULB



THERMISTOR



SOLENOID



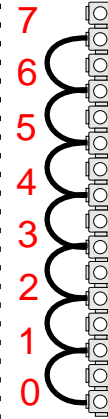
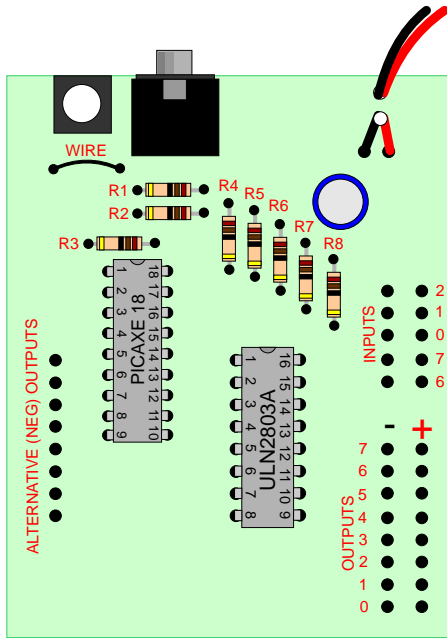
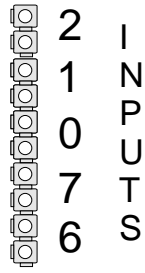
INPUT



PROCESS



OUTPUT



INPUT

PROCESS

OUTPUT