

LIGHT SENSORS

V.Ryan © 2000 - 2008

On behalf of The World Association of Technology Teachers

W.A.T.T.



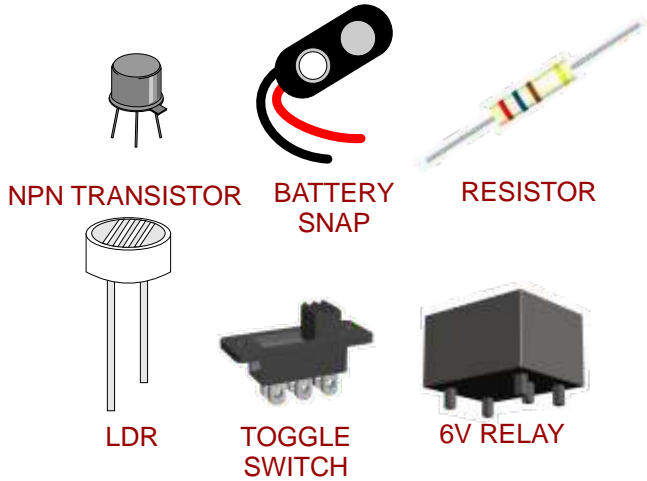
World Association of Technology Teachers

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 .

THESE MATERIALS CAN BE PRINTED AND USED BY TEACHERS AND STUDENTS.
THEY MUST NOT BE EDITED IN ANY WAY OR PLACED ON ANY OTHER MEDIA INCLUDING WEB SITES AND INTRANETS.
NOT FOR COMMERCIAL USE.
THIS WORK IS PROTECTED BY COPYRIGHT LAW.
IT IS ILLEGAL TO DISPLAY THIS WORK ON ANY WEBSITE/MEDIA STORAGE OTHER THAN www.technologystudent.com

The sequence drawing below shows the manufacture of a simple light / dark sensor from selecting the components to testing the finished circuit. However, it is incomplete. Add four more stages including explanatory notes.

1. SELECT COMPONENTS



COMPONENTS ARE SELECTED CAREFULLY SO THAT THEY CAN BE SOLDERED TO THE PCB (PRINTED CIRCUIT BOARD)

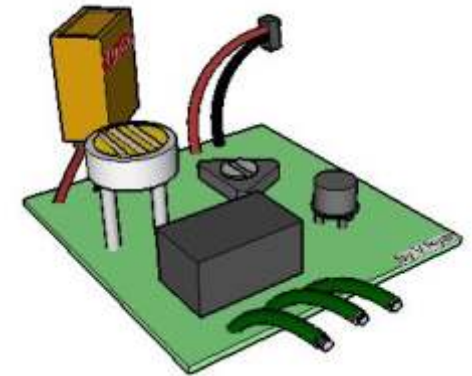
2.

3.

4.

5.

6. TEST CIRCUIT



ATTACH A BATTERY TO THE CIRCUIT, SWITCH ON AND TEST. IF IT DOES NOT WORK CARRY OUT A VISUAL CHECK AGAIN.

NAME

SEQUENCE DRAWING

DATE