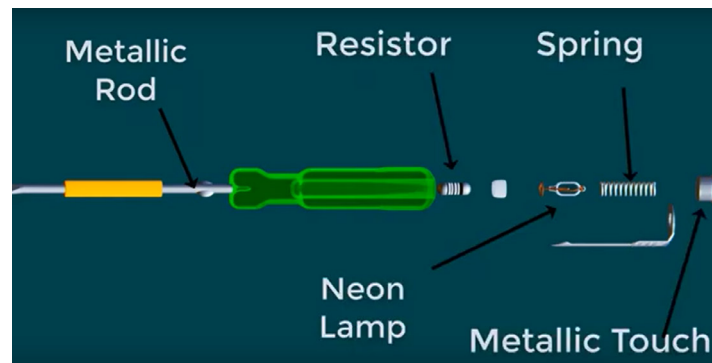
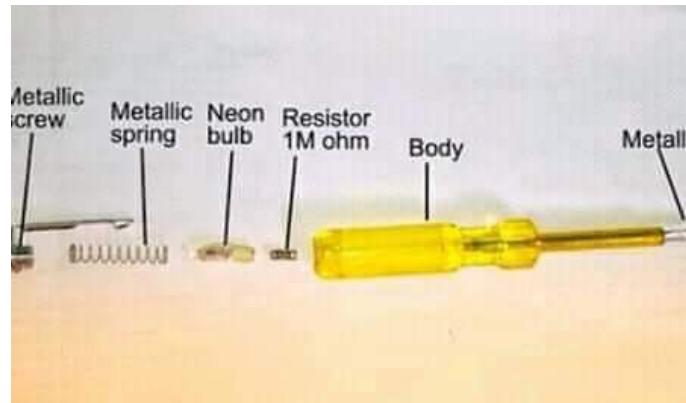


Lesson 4: Student's worksheet

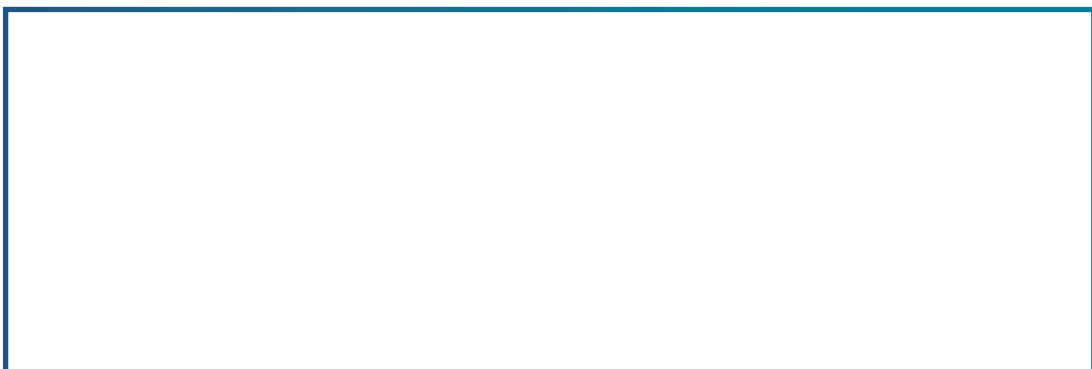
Aim: To identify the different components of a neon tester

Procedure:

1. You are provided with a neon tester which you have to disassemble by opening the small cap on its top.



2. Draw the neon tester with its components clearly labelled.



Aim: To use a continuity test to verify the condition of the internal components of a neon tester and ensure its proper functioning

1. Use the continuity test to check if the different components of the neon tester are in good condition. Put a tick in either good condition or not working for each component.

Component		Good condition	Not working
Metallic Touch Screw			
Metallic Spring			
Neon Bulb			
Resistor			

2. A faulty neon tester will not be able to detect whether a wire is live. Tell your teacher why this can lead to dangerous situations.