

WORLD MISSION HIGH SCHOOL

L3 NIT

LAN INSTALLATION ASSIGNMENT

DATE:15/01/2026

Your school wants to set up a **Local Area Network (LAN)**.

You need to identify all the **materials, tools, and equipment** required to install the network physically, so that computers can communicate with each other and access the internet.

Questions:

1. List **five materials** needed for a physical LAN installation and describe the purpose of each.
2. List **three tools** used during LAN installation and explain how each tool is used.
3. Identify **three pieces of equipment** required for a physical LAN (e.g., switches, routers) and explain their role in the network.
4. Explain why it is important to **use the correct materials, tools, and equipment** when installing a LAN.
5. Discuss **safety measures** that should be taken when performing physical LAN installation in a school computer lab.