

Activity Title: Bolton's Digital Defense: Impact Analysis

Scenario:

The Bolton Community Hub is now live and serving the community. Recent reports indicate increased cyber threats targeting local organizations. Your group's task is to discuss how these threats impact the community hub.

Task (Group Discussion and Written Notes):

1. Impact Analysis (20 minutes):

- For each term, you will discuss and record notes addressing the following:
 - **Definition:** Briefly explain what the term means in simple language.
 - **Impact on the Hub:** How could this threat specifically affect the Bolton Community Hub and its services (digital literacy, job support, youth space, mental health)?
 - **Mitigation:** What are some basic steps the Hub could take to minimize the risk or impact of this threat?

Key Discussion Prompts (to guide their notes):

- **Anti-Virus:**
 - What types of malware could target the Hub's systems?
 - How would the absence of anti-virus software impact the hub and its users?
- **DoS/DDoS:**
 - How could a DoS/DDoS attack disrupt the Hub's services?
 - What are the potential consequences for users who rely on the Hub's services?
- **Malware:**
 - What are the different types of malware and how do they work?
 - How could malware impact older residents using the digital literacy courses?
- **Phishing:**
 - How might attackers use phishing to steal user credentials or sensitive information?

- How might Phishing impact job seekers uploading CVs to the hub?
- **Keyloggers:**
 - How could keyloggers compromise the security of user accounts and data?
 - What sensitive information could keyloggers steal from people attending mental health support sessions?
- **Ransomware:**
 - How could ransomware cripple the Hub's systems and services?
 - How would ransomware impact the youth safe space?
- **VPN:**
 - How can a VPN protect users' privacy and security when accessing the Hub's services remotely?
 - What are the limitations of VPNs?