3-Preventative Methods I
Blocking Sites
- There are many ways to prevent internal and external attacks on a school's computer network.
- Restricting Internet traffic is one way to protect your network from possible attacks via the Internet.
- Also, open computer network ports that allow network track to and from the Internet can create possible entry points for viruses from. Limiting opening computer network ports can prevent security breaches.

Using a Firewall
- Firewalls are great devices to protect your network as they monitor and restrict traffic based on strict user characteristics and roles. (Robinson, Brown, & Green 2010)
- Popular firewall devices are made by Cisco, Dell, and Barracuda.

Antivirus
- Another common security measure is the use of antivirus to protect servers and clients.
- Popular antiviruses are Mcafee, Kaspersky, and Avast. Antiviruses are regularly updated to fight against the most advanced and new viruses and infections.

Reference
Robinson, L., Brown, A., & Green, T. (2010). Network Security Versus Access. In Security vs. access balancing safety and productivity in the digital school. Eugene, Or.: International Society for Technology in Education.