

# Network Evaluation Checklist

☐ **Capacity**

There are enough wireless points and IP addresses to support the highest possible number of devices (for a BYOD program, students may have multiple devices).

☐ **Coverage**

A wireless signal is available in all learning spaces, possibly including hallways, common areas, and outdoors spaces.

☐ **Density**

Wireless points can support as many devices as may be present in a single classroom. For example, if your model of wireless points only supports 15 devices, you will need multiple points to cover a room of 30 students.

☐ **Sufficient bandwidth**

Monitor bandwidth usage throughout the day to ensure the network is not being maxed out at peak usage times. Consider increasing bandwidth when network traffic is consistently at 75% capacity or if your network frequently maxes out.

☐ **Network Type**

Wireless points support 802.11n and are set to 5GHz for high-density situations.

☐ **Interference**

Mobile wireless points on carts are not used alongside a fixed point infrastructure, as this could cause interference.

☐ **Security**

Security protocols (WPA recommended) are in place to ensure only authorized users can utilize the network. If you choose to have an open guest network, limit the bandwidth usage and require guests to accept the acceptable use policy.

