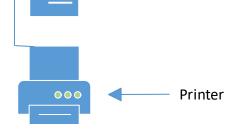
Switch Switch Switch



Server

My network design for the 24' x 40' temporary office that must support 8 desktop PC users, one server, and one printer is shown and is attached below in the pdf file. By looking at the Classroom diagram I placed 4 desktops near the clock or the board. I placed 3 desktops to the right side of the room near a switch then the last desktop in the top left corner next to another switch and the server, next to the server is the printer. I set it up this way so that no one will trip over cables while getting to the printer or walking to their desktop. So we have a lot of free space in the center of the room, the cables will connect to a desktop/server/printer and run on the floor underneath the desktops, where I have drawn lines are where the cables will follow through. I determined that getting two 5-packs of 14 ft cables will fit best for this network diagram. Some cables will have to be tucked underneath a desktop since there will be some cable lines that are longer than others but its better that way since sometimes equipment needs to be moved or adjusted and it can be accommodated with extra cable.

