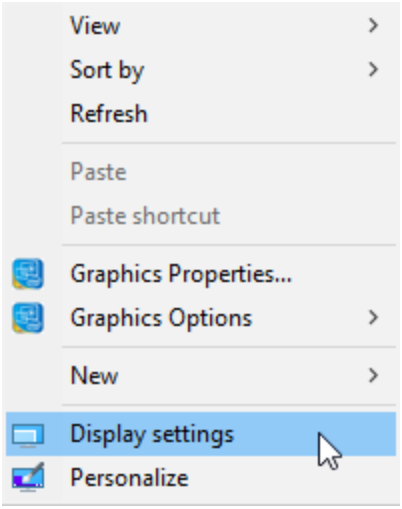
Duplicating or Extending the Desktop to Multiple Displays

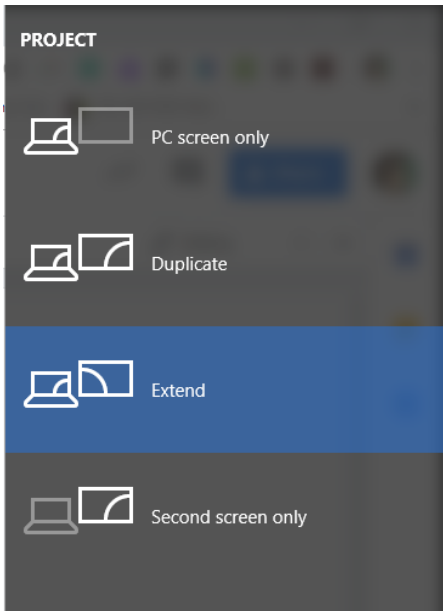
When teacher computers are imaged, and they boot up, they likely will automatically recognize that they have a second display and by default choose to extend the desktop of the computer to the projector. In this case you will see your regular desktop on your monitor and a rather plain looking desktop on your projector. You can likely still get to that screen, but you have to move your mouse to the right past the right edge of your desktop monitor.

It is easy to fix this issue if you prefer a duplicated screen so what you see on your computer monitor is what you see on your projector.

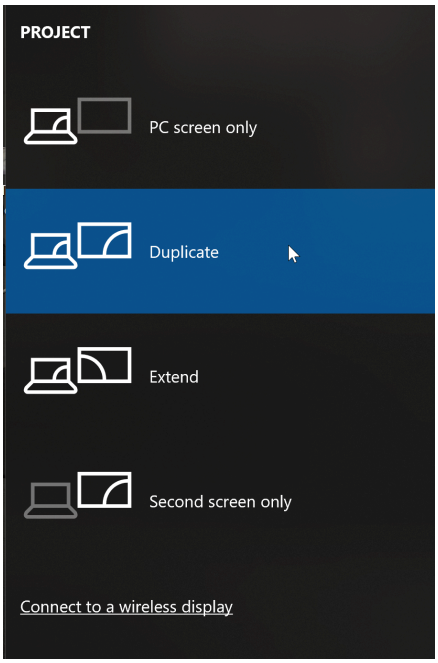
1. Right-click on the desktop and in the pop-up menu that appears select “Display Settings.”



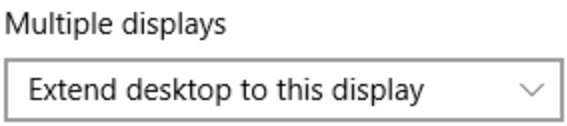
2. ALTERNATIVELY, press the Windows Key + the “P” key. The menu below will appear.



3. If you pressed the Windows Key + the “P” key, select the “Duplicate” option and what appears on your monitor will appear on your projector.



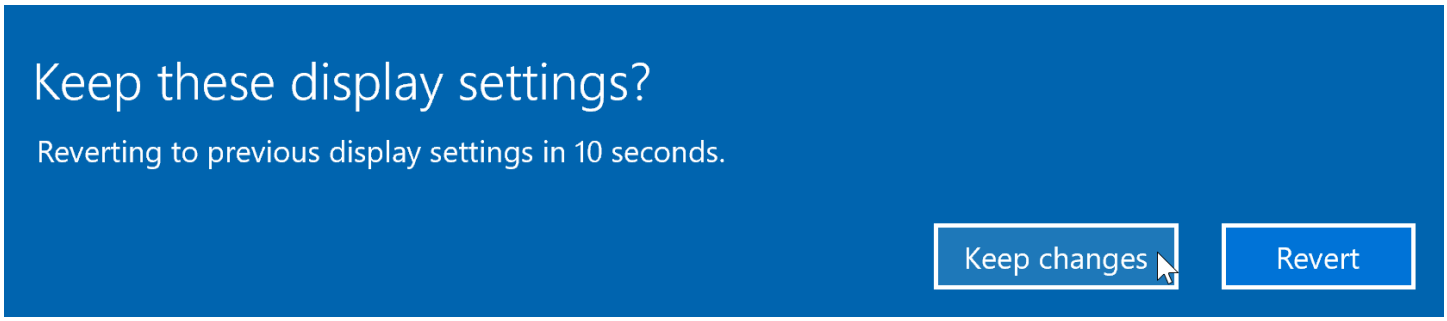
4. If you right-clicked on the desktop and selected “Display Settings”, you can scroll down the window that appears until you find the “Multiple displays” section.



5. Click on the box that says “Extend these displays” or “Extend desktop to this display” and instead select “Duplicate my desktop” or “Duplicate these displays”.



6. When prompted, click on the button “Keep changes”.



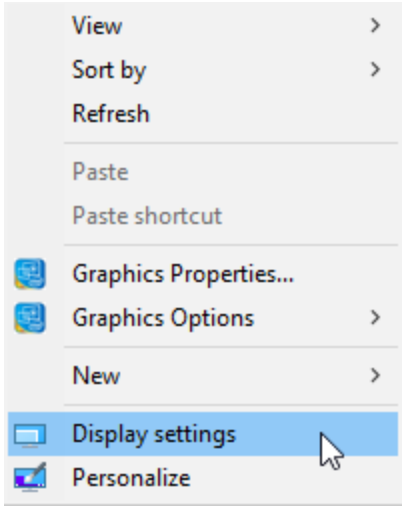
Selecting the Proper Resolution for your Monitor

1. You may also need to go back into display settings and select the proper resolution for your monitor. You will know you need to do this if your computer monitor seems to have icons that look really big or are pixelated. If so, repeat the steps above to get to the display settings window and scroll down to "Resolution".
2. Click on the dropdown under "Resolution" and select the recommended settings of "1920x1080 (Recommended)" if you are adjusting the resolution of a desktop monitor. If this is a Newline Panel, you will probably need to select a resolution of "3840 x 2160 (Recommended)".
3. When you are prompted to "Keep changes" please click on that button.
4. Your computer monitor and projector should now show the same desktop at the correct resolution.

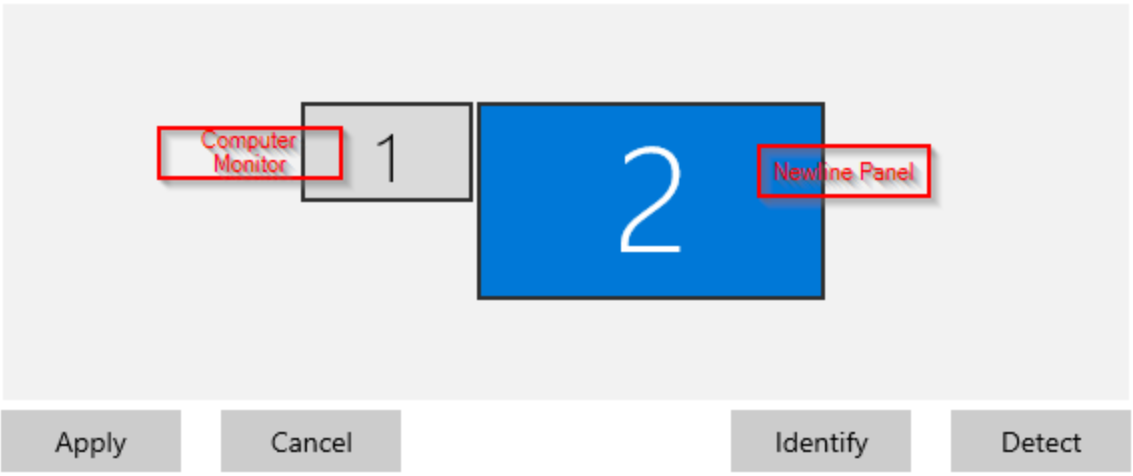
Positioning the Monitor

You may need to reposition the second monitor (or Newline Panel) in the Display Settings to correspond with how you have the monitors configured on your desk or whether the computer is to the left or right of the Newline Panel in your room. This will enable you to easily move the mouse between the monitor on your desk and the Newline Panel on the wall.

1. Right Click on the desktop and select "Display Settings".

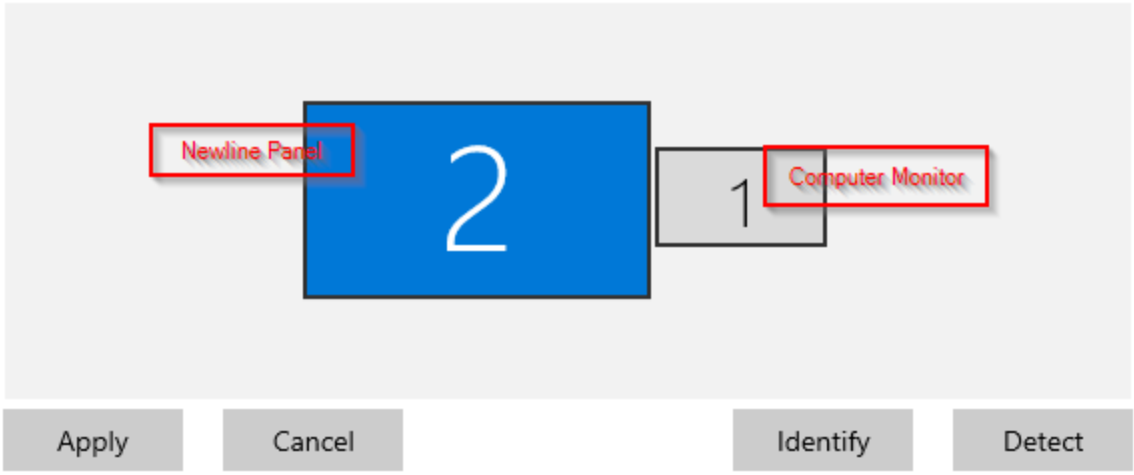


2. You will see something like the image below.



3. When I select the “Identify” button, I can see that 2 is the Newline Panel. REALLY in my classroom though my computer is to the RIGHT of the Newline Panel so when I drag my mouse to the Newline Panel, I want to be able to drag it off the LEFT of my computer monitor to get to the Newline Panel.

4. To fix this, I simply click on Monitor 2 above and drag it to the left of the Computer Monitor. I can also adjust it so the computer monitor is in the middle of the Newline Panel on the right hand side.



5. All that is left is to click the “Apply” button.