

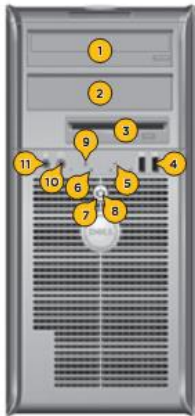
Class room Smart Board and Computer setup Instructions

The following information shows the Dell computer setup. There are many other types of computers in use as well as projectors . This instruction sheet is simply to familiarize you with how the Smart-Board is setup and how to identify the connection ports on the back of your PC. With today's computers, manufacturers have designed things so there is usually one type of port that fits one type of plug.

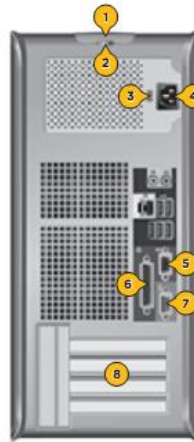


1. Computer component location and description
2. Projector and Smart Board Cable identification
3. Single cable projector connection
4. Dual Video single cable connection
5. Smart Board Configuration

MINI TOWER COMPUTER (MT) VIEW

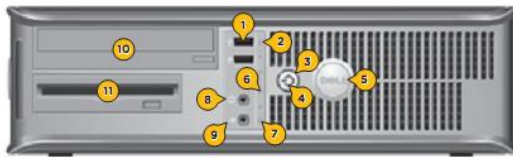


FRONT VIEW	
1	5.25-inch drive bay
2	5.25-inch drive bay
3	3.5-inch drive bay
4	USB 2.0 connectors (2)
5	LAN indicator light
6	diagnostic lights
7	power button
8	power light
9	hard drive activity light
10	headphone connector
11	microphone connector

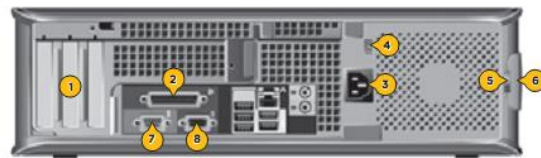


BACK VIEW	
1	cover-release latch
2	padlock ring
3	voltage selection switch
4	power connector
5	VGA port
6	parallel port
7	serial port
8	card slots (4)

DESKTOP COMPUTER (DT) VIEW



FRONT VIEW			
1	USB 2.0 connectors (2)	7	hard drive activity light
2	LAN indicator light	8	headphone connector
3	power button	9	microphone connector
4	power light	10	5.25-inch drive bay
5	Dell badge	11	3.5-inch drive bay
6	diagnostic lights		

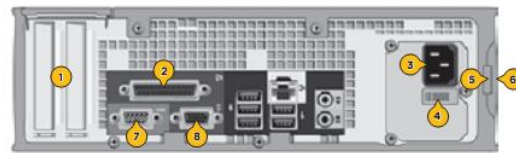


BACK VIEW	
1	card slots
2	parallel port
3	power connector
4	voltage selection switch
5	padlock ring
6	cover-release latch
7	serial port
8	VGA port

SMALL FORM FACTOR COMPUTER (SFF) VIEW



FRONT VIEW			
1	USB 2.0 connectors (2)	7	Dell badge
2	power button	8	headphone connector
3	power light	9	microphone connector
4	hard drive activity light	10	5.25-inch drive bay
5	diagnostic lights	11	3.5-inch drive bay
6	LAN indicator light		



BACK VIEW	
1	card slots
2	parallel port
3	power connector
4	voltage selection switch
5	padlock ring
6	cover-release latch
7	serial port
8	VGA port

Projector and Smart Board Cable Connections

There are several types of video cable configurations that are used within the schools. The following diagrams show the various types of video and Smart Board connections.



Monitor DVI Cable (Digital Video Input)



Monitor VGA Cable



50 foot Projector Video Cable



DVI to VGA adapter



USB Extenders



USB Cable



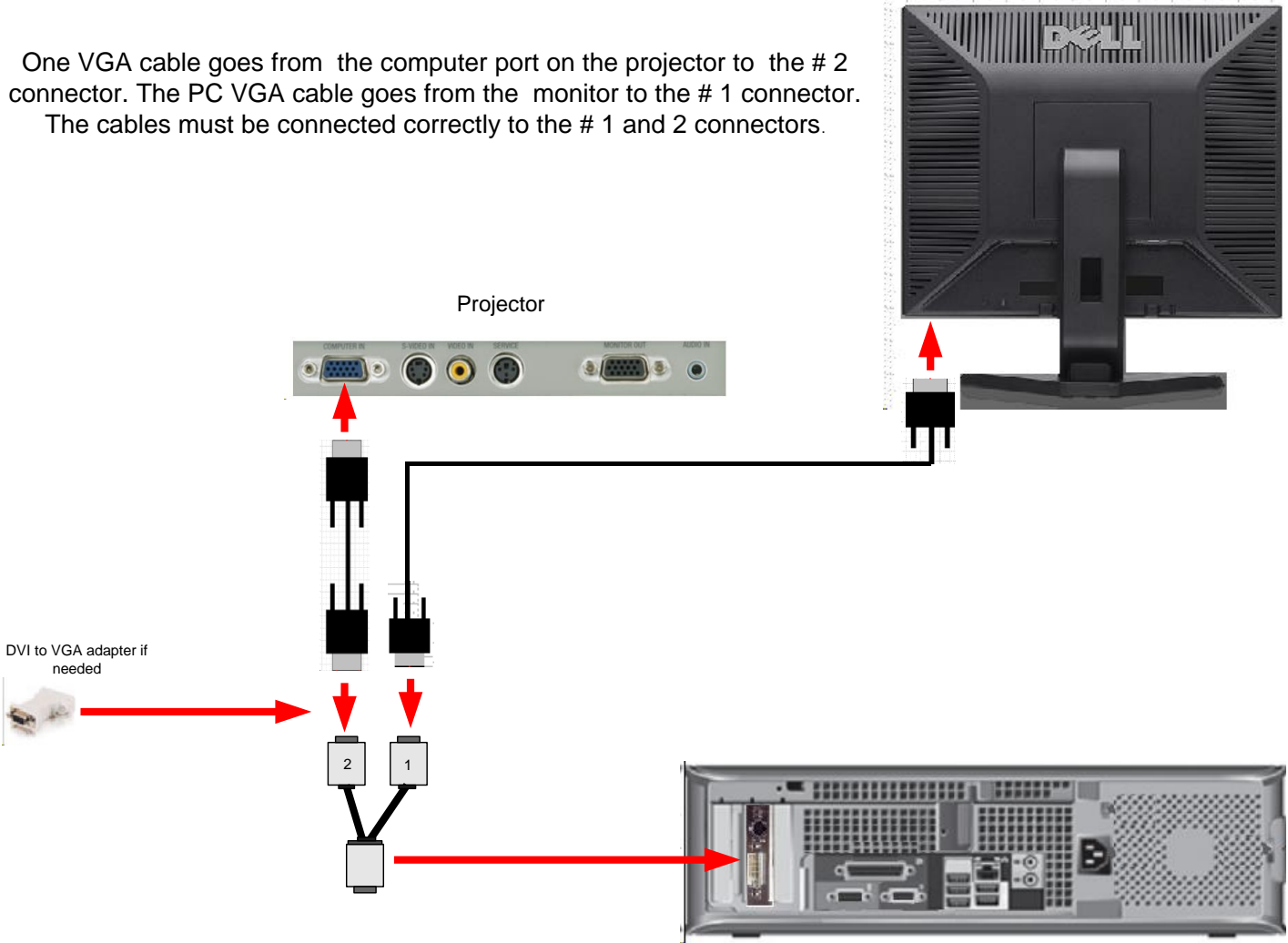
Dual VGA and DVI Video card connectors



Single cable connection with Dual video splitter

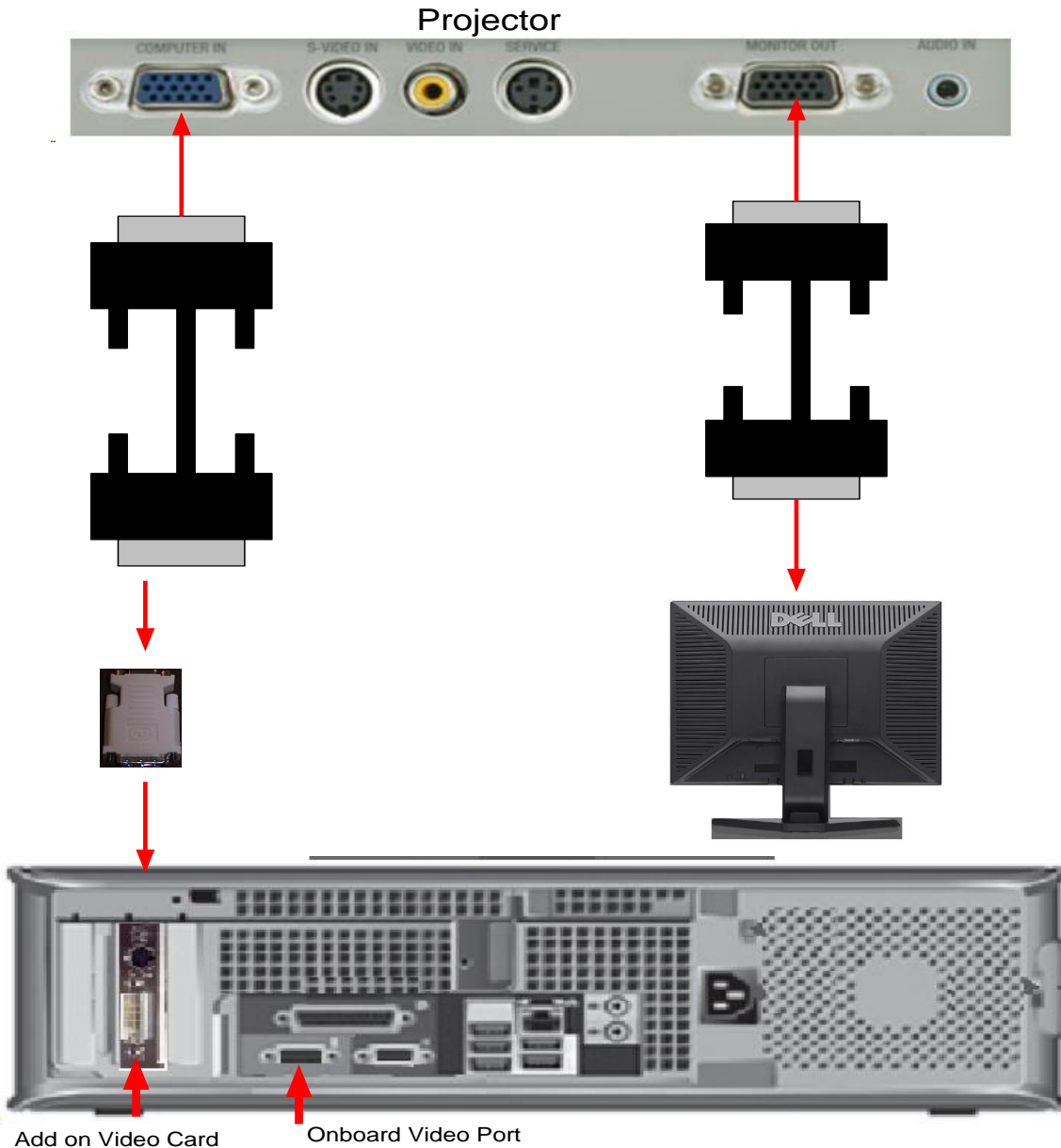
This connection is the only way a single cable setup can be used. If a computer is moved to room where this setup will not work, a second cable will need to be ran from the projector or a video card must be installed into the PC.

One VGA cable goes from the computer port on the projector to the # 2 connector. The PC VGA cable goes from the monitor to the # 1 connector. The cables must be connected correctly to the # 1 and 2 connectors.



Two Cable Projector connections with add-on video card

Cables connect from the projector to the computer and monitor. The video cable going to the pc will connect to either the onboard video port or to the add-on video card. If you see an add-on card, plug the cable into it. Remember, the onboard port is disabled when a second video card is added to the pc (the example diagram below would only use the Add-on video card connection; the onboard video port would be left alone). The VGA to DVI adapter is only used when a DVI video card uses the DVI type of port.



Smart Board Configuration

1. Connect USB cable to the Smart Board connector located in the lower right hand corner.
2. Plug the other end of the USB cable into the USB line extender.
3. Plug the data line into both ends of the USB extenders.
4. Plug the PC USB extender into any available USB port on the back of the computer.

