Connect a Non-School Computer to the Wireless on Windows 7

This will describe how to connect a personal computer to the schools wireless network.
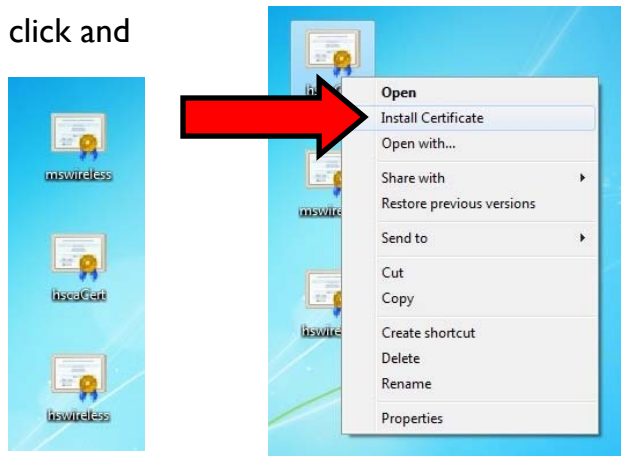
First step is to get a Personal Wireless Device Request form from one of the Technology Coordinators:

Curt.Vlaminck@k12.sd.us • Paul.Berndt@k12.sd.us • Chuck.Henson@k12.sd.us

Download the security certificates.

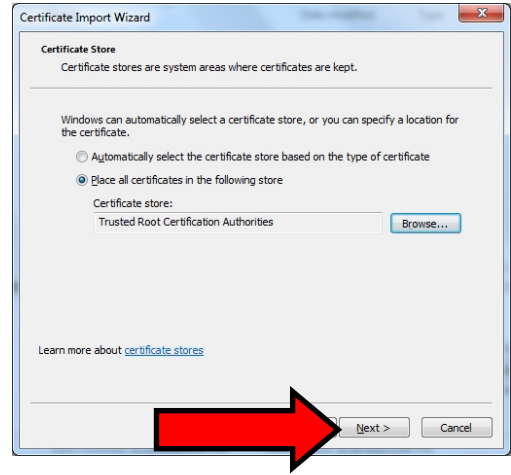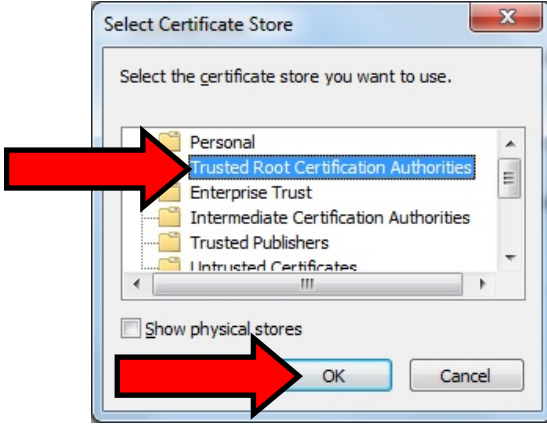You will need to do this next step for each security certificate:

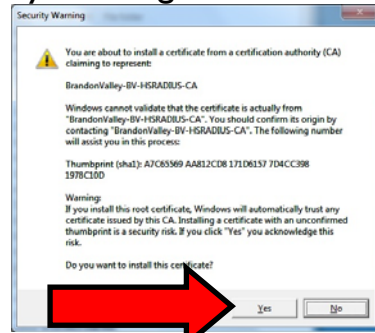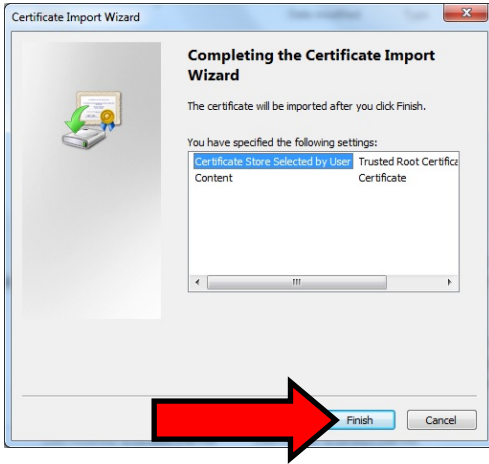Right on one of the certificates click and then click "Install Certificate".

The Certificate Import Wizard will come up. Click "Next". Then choose "Place all certificates in the following store" and then click "Browse".
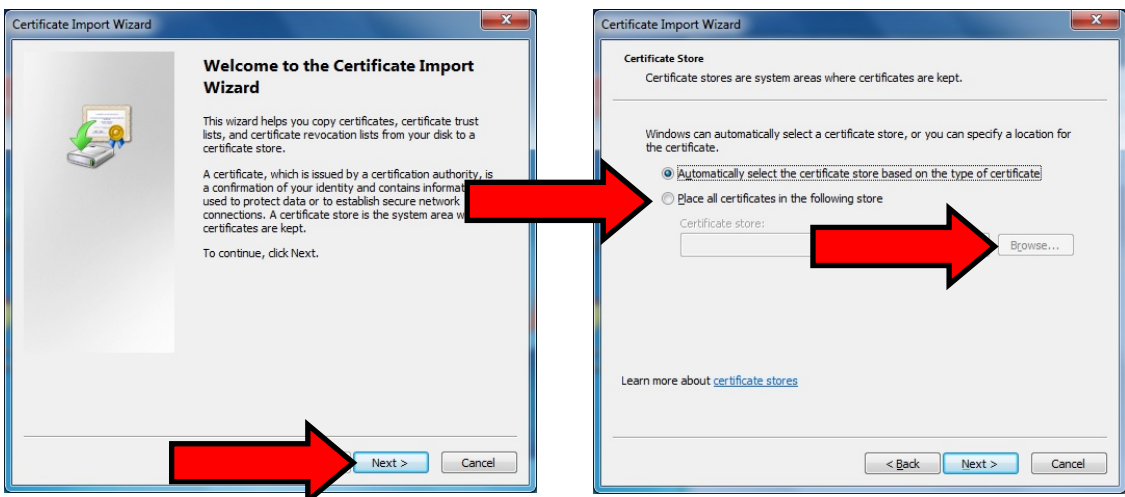
Select "Trusted Root Certification Authorities" from the list and then click "OK". Then click "Next".
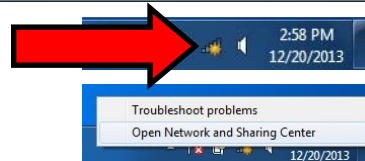
It should say that the import was successful.

Click "OK".

In the lower right corner of the screen you should see the wireless icon with a gold star. Right click on this icon and choose "Open Network and Sharing Center".

Click on "Finish". You will then see a security warning. Click "Yes".
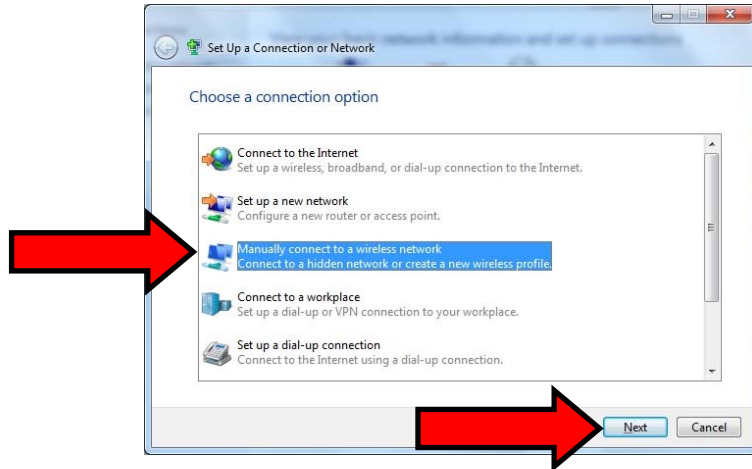
Click on "Set up a new connection or network".

Change your networking settings

Set up a new connection or network
Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.

Click on "Manually connect to a wireless network" and then "Next".

1. Here you will need to type the name of the Wireless Network for the school you are at. You would have recorded this earlier.

VSE-Wireless

BE-Wireless
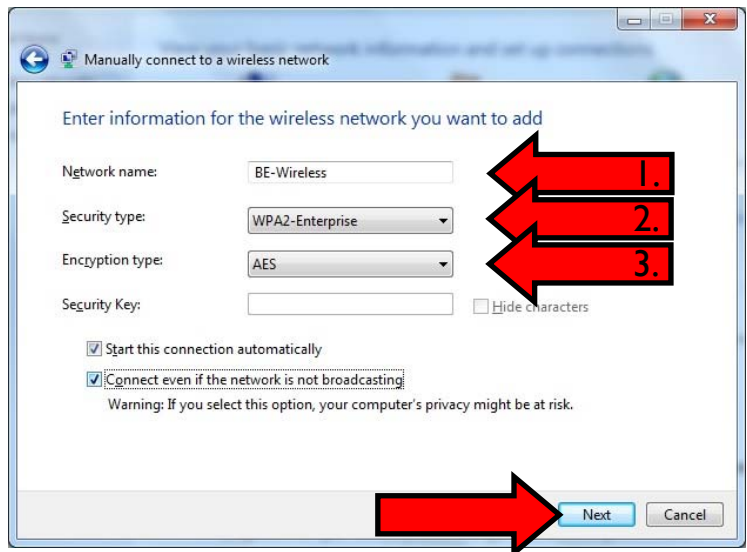
RBE-Wireless

FAE-Wireless

BVMS-Wireless

BrandonValley-Wireless

2. The Network
Authentication is
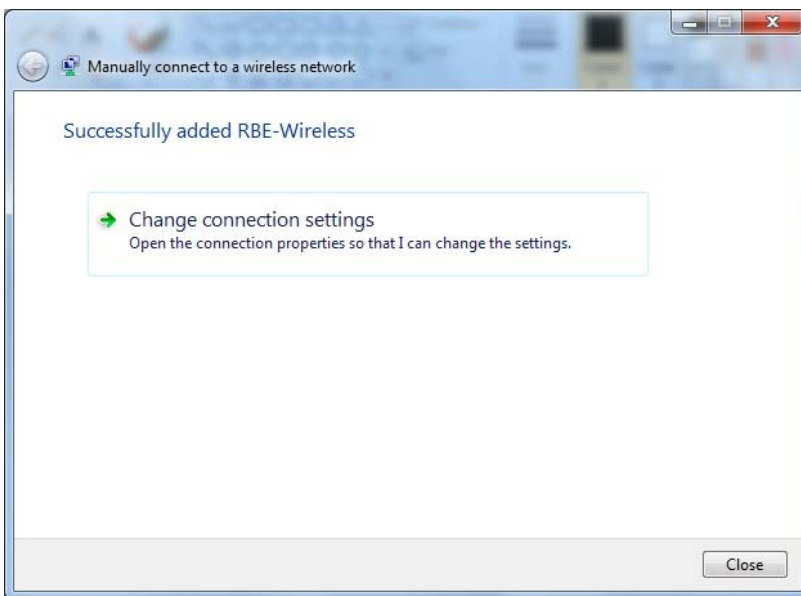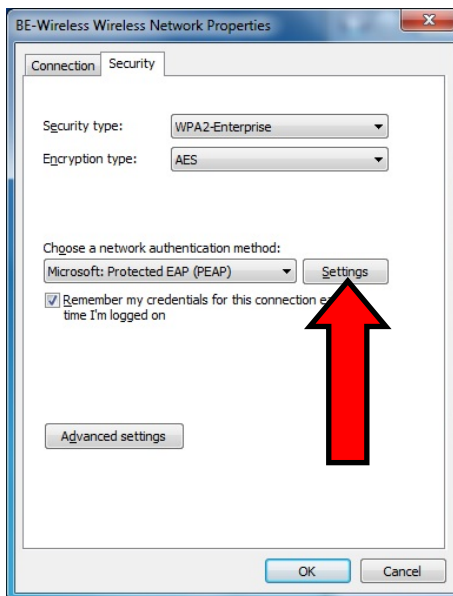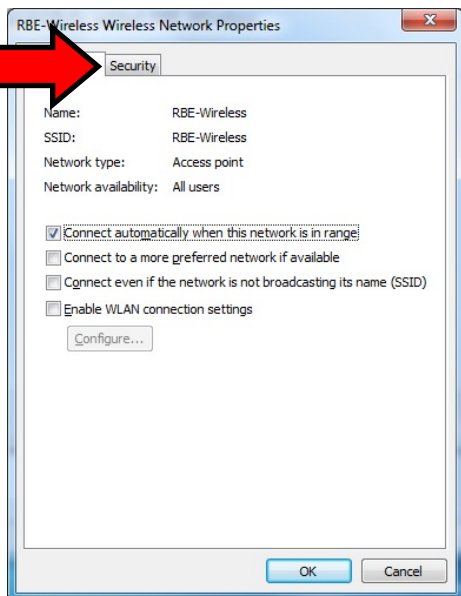"WPA2"

3. Data Encryption is
"AES".

Then click "Next".

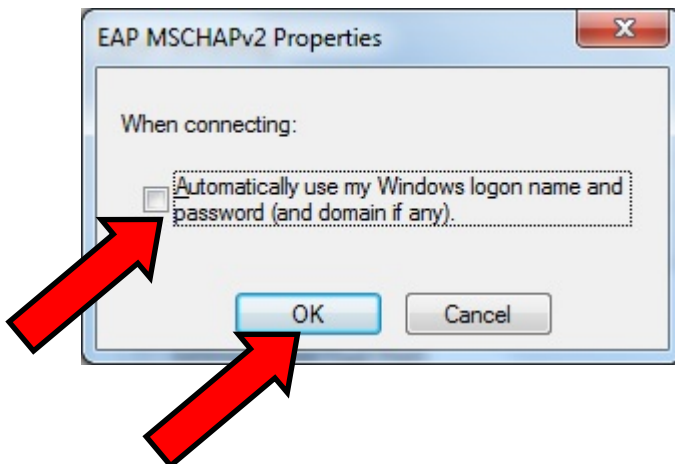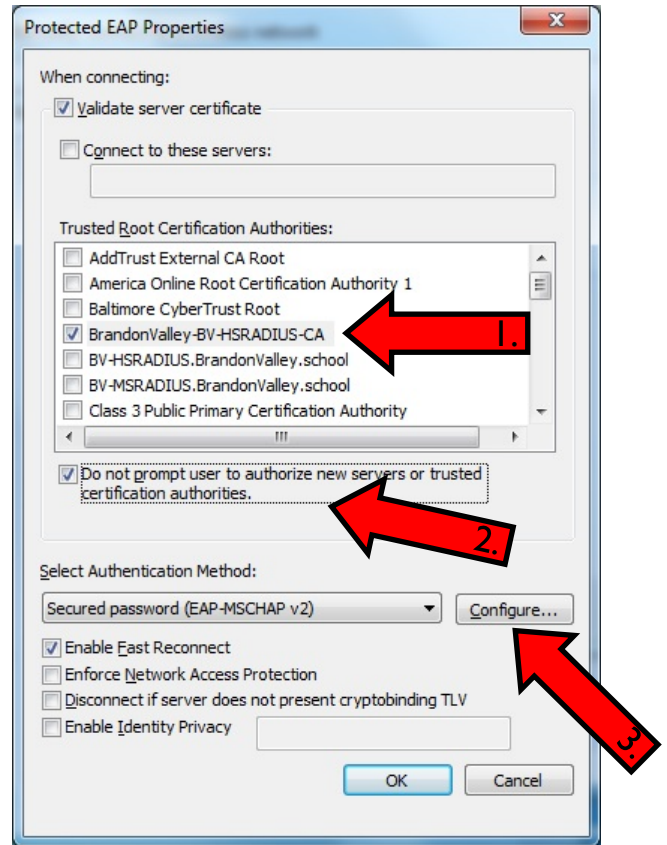On this screen click on "Change connection settings".

Click on the "Security" tab. Make sure the Network authentication method is "Microsoft: Protected EAP (PEAP)" then click on "Settings".

1. In Protected EAP Properties under Trusted Root Certification Authorities find "BrandonValley-BE-HSRADIUS-CA" and make sure that box is checked.

2. Check the box that says "Do not prompt user to authorize new servers or trusted certification authorities.

3. Then click "Configure".

Protected EAP Properties

When connecting:

☑ Validate server certificate

☐ Connect to these servers:

Trusted Root Certification Authorities:

☐ AddTrust External CA Root
☐ America Online Root Certification Authority 1
☐ Baltimore CyberTrust Root
☑ BrandonValley-BV-HSRADIUS-CA   **1.**
☐ BV-HSRADIUS.BrandonValley.school
☐ BV-MSRADIUS.BrandonValley.school
☐ Class 3 Public Primary Certification Authority

☑ Do not prompt user to authorize new servers or trusted certification authorities.   **2.**

Select Authentication Method:

Secured password (EAP-MSCHAP v2)   ▼   [Configure...]   **3.**

☑ Enable Fast Reconnect
☐ Enforce Network Access Protection
☐ Disconnect if server does not present cryptobinding TLV
☐ Enable Identity Privacy

[OK]   [Cancel]

EAP MSCHAPv2 Properties

When connecting:

☐ Automatically use my Windows logon name and password (and domain if any).

[OK]   [Cancel]

Make sure the "Automatically use my Windows logon name and password (and domain if any)." is NOT checked. And click "OK".
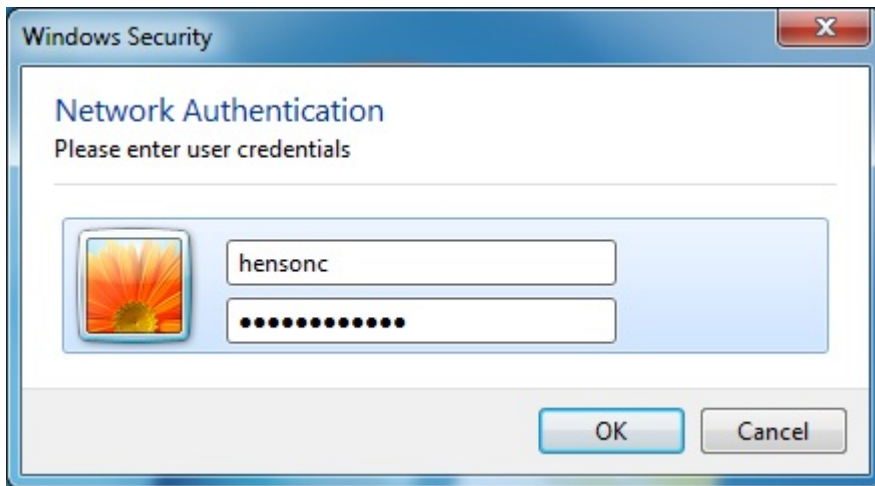
You will need to click "OK" until all the screens are gone.

You should see this popup click on it.
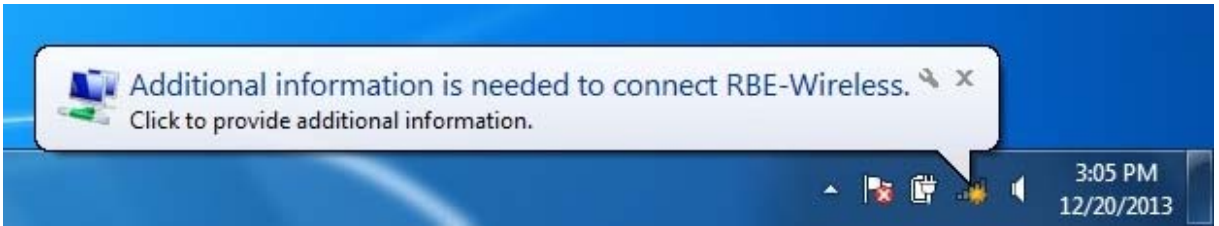
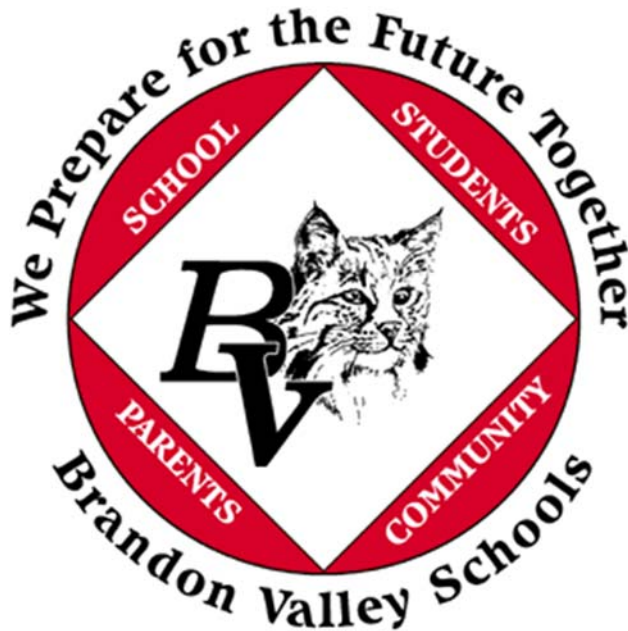Enter your user name and password. The same one you use to log into the computer.
Click "OK".

You should now be connected.

If you have any questions please feel free to contact one of the Technology Coordinators.

~Chuck Henson

chuck.henson@k12.sd.us - 605-359-7546

Created by Chuck Henson for the Brandon Valley School District. If you have any questions please contact chuck.henson@k12.sd.us.