STUDENT WIFI access MacOS devices instructions.

In order to access the STUDENT WIFI system you will need to carry out the following two steps.

1 Install the BGFL certificate.

2 Connect to the School's STUDENT WIFI Wireless.

Step 1 will need to be completed using your 3/4G connection or at home when connected to your wireless.

Step 1 How to install the BGFL certificate

In order for BGFL to scan for inappropriate content in SSL encrypted traffic you will need to install certificate issued by BGFL before you can use the BVGS STUDENT WIFI system. The instructions below explain the process of how to install the certificate and connect the STUDENT WIFI network.

Open up the web browser and go to <u>www.bvgs.co.uk/cert-link</u> which will take you to this page where you need to click Certificate Download.

Certificate Links	
Certificate Download	
Install Instructions	1

After clicking certificate download you need to open the certificate file that has been downloaded.

Once you have done this it will open up the following screen. You need to right click on BGfL Root CA.

•••	Keychain A	Access		
Click to lock the lo	ogin keychain.		C	Search
Keychains login Cloud System System Roots	Certificate Solution CA Root certificate authority Expires: Thursday, 19 November 2037 at G "BGfL Root CA" certificate is not trust	: 17:15:26 Greenwich Mean Ti i <mark>ed</mark>	me	
	Name	~ Kind	Expires	Keychain
	www.google.co.uk	certificate	20 Jun 2018 at 14:24:00	login
	www.google.co.uk	certificate	20 Jun 2018 at 14:24:00	login
	S-NPS1.bvgs.internal	certificate	3 Jan 2019 at 07:17:05	login
	S-DC1.bvgs.internal	certificate	31 Jan 2019 at 11:25:23	login
	🙀 BGfL Root CA	certificate	19 Nov 2037 at 17:15:26	login
Category All Items Passwords Secure Notes My Certificates Keys Certificates				
	+ i Copy	5 items		

Then you need to left click on Get Info.

BGfL Root CA	New Certificate Preference	19 Nov 2037 at 17:15:26	login
	Copy "BGfL Root CA"		
	Delete "BGfL Root CA"		
	Export "BGfL Root CA"		
	Cat Info		
	Get Inio		
	Evaluate "BGfL Root CA"		

Which will bring up this screen and you need to click the arrow next to trust.

	BGfL Root CA	
Certificate BGfL Root CA Root certificate authority Expires: Thursday, 19 November 2037 at 17:15:26 Greenwich Mean Time ************************************		
▶ Trust		
Details		
Subject Name		
Country	GB	
State/Province	England	
Locality	Birmingham	
Organization	Capita ICTDS	
Organizational Unit	BGfL	
Common Name	BGfL Root CA	
Email Address	hostmaster@bgfl.org	
Issuer Name		
Country	GB	
State/Province	England	
Locality	Birmingham	
Organization	Capita ICTDS	
Organizational Unit	BGfL	
Common Name	BGfL Root CA	

This should open up a dropdown menu as shown below change Use System Defaults to Always Trust.

	E	BGfL Root CA	
Certificate BGfL Root CA Root certificate authority Expires: Thursday, 19 November 2037 at 17:15:26 Greenwich Mean Time Struct * BGfL Root CA" certificate is not trusted			
Wh	en using this certificate:	Use System Defaults	○ ?
Secu	re Sockets Layer (SSL) Secure Mail (S/MIME)	no value specified	0 0
Extensib	e Authentication (EAP)	no value specified	\$
	IP Security (IPsec)	no value specified	٥
	Code Signing	no value specified	\$
	Time Stamping	no value specified	٥
	X.509 Basic Policy	no value specified	\$
▼ Details S	ubject Name		

Once you have done this all of the dropdown boxes should read Always Trust as shown below.

	E	BGfL Root CA	
Certificate Doct	BGfL Root CA Root certificate authority Expires: Thursday, 19 November 2037 at 17:15:26 Greenwich Mean Time & "BGfL Root CA" certificate is not trusted		
Trust			
Wh	en using this certificate:	Always Trust	\$?
Secu	re Sockets Layer (SSL)	Always Trust	≎
	Secure Mail (S/MIME)	Always Trust	\$
Extensibl	e Authentication (EAP)	Always Trust	\$
	IP Security (IPsec)	Always Trust	\$
	Code Signing	Always Trust	٥
	Time Stamping	Always Trust	٥
	X.509 Basic Policy	Always Trust	\$

Once you have this click the red circle in the top left and you will be prompted to enter your administrator password for your MacOS device.

\bigcirc	You are mak Trust Setting	ing changes to your Certificate gs.
R	Enter your pass	sword to allow this.
	User Name:	Andrew Other
	Password:	•••••
		Cancel Update Settings

When you have entered this password click Update Settings.

Step 2 Connecting to the the school STUDENT WIFI wireless Network.

Step two will need to be completed whist in school.

Firstly, turn on your wireless and click the relevant wireless SSID. Please note

- **Staff** are only permitted to access BVGS-BYOD-Staff.
- **Students** are only permitted to access BVGS-BVGS-Student.

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	Wi-Fi: Looking for Net Turn Wi-Fi Off	works		
	Personal Hotspot iPhone	●●●●○ 4G	,	tosh HD
And in case of the local division of the loc	BVGS-BYOD-Staff		((;-	
A DECEMBER OF	BVGS-BYOD-Student		<u> </u>	
100	BVGS-Guest		• (((Bern
	island-300060		· (((·	C.
	Join Other Network Create Network Open Network Prefere	ances		
Contraction of the				
	Care Marine			

Enter your school username and password in the fields provided.

The Wi-F requires	i network "BVGS-BYOD-Student" WPA2 enterprise credentials.
Mode:	Automatic 🗘
Username:	
Password:	
	Show password
	 Remember this network
?	Cancel Join

Once the network shows up as connected open a web browser and try to access a website. This will then bring up the guidelines for acceptable STUDENT WIFI use which you need to read and accept.

You should now be connected to the STUDENT WIFI system.