



Fred, Crystal, Phillip, Stephen and Hope Kovach

Your Missionaries Using Technology to Teach a Lost World about Jesus!

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Vietnamese Online Bible School: One Pastor's Story

The following was emailed from a Vietnamese pastor shortly after he was shown our new Vietnamese Online Bible School. It has been condensed to fit our newsletter. A documentary video of this story, along with the complete text of this email are found on our website at www.fredcrystal.com



Vietnamese believers studying courses downloaded from the Internet using our new Online Bible Schools. Faces cut off to protect believers.

for our needs through your ministry. Though we've studied about spiritual gifts many times before, it has never been made more clear that the Holy Spirit bestowed His gifts upon us so that we may serve Him....We have truly received great blessings through these lessons.

Dear Brothers from Global University,
We give thanks to the Lord for the opportunity to meet with you on your visit from the US. Despite the opposition, our churches continue to meet in the face of danger. Your faithful ministry to the Lord is always in our prayers.

After you showed me your online system for downloading the course on Spiritual Gifts, I printed out the first lesson and took it to a photocopy shop owned by a man I trust not to turn us in to the authorities. Within a few days, 45 copies of the course were distributed and nine churches had formed study groups.

After the first lesson, the Lord stirred in the hearts of the church members a burning desire and hope to experience the great power of the Holy Spirit....Throughout our course of study, we truly felt the great blessing that God has provided

Your online Bible school is exactly what we need in Vietnam. We give thanks to the Lord for your sharing of God's Word....

For those who do not have the means to learn online, your ministry has given them the opportunity to learn through the use of photocopies....I have lost track of how many copies of the course have been distributed now, and they are beginning to show up in cities very far from here.

May the Lord continue to bless your ministry!

A Vietnamese Pastor

This information is of the highest level of sensitivity. This letter may not be reprinted, posted online or sent overseas. Lives may depend on keeping this information confidential.

Kovach Praise and Prayer

- † Please pray for the discipleship and safety of our brothers and sisters in Vietnam.
- † Praise God for **over 4000 resource materials in 16 languages** on GLOBALreach.org!

How You Can Help

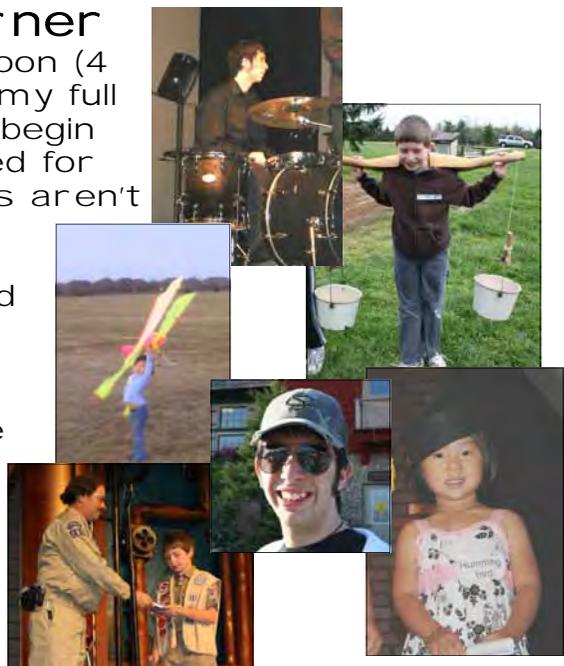
- * Pray for the prayer requests listed.
- * Gifts to assist with the Online Bible Schools can be sent to AGWM, 1445 Boonville, Springfield, MO 65804 and noted with *Project #11023*

Phillip, Stephen and Hope's Corner

Well the school year has finally ended and soon (4 days from when I'm writing this) I assume my full duties as assistant percussion captain as I begin my first week of band camp. I'm very excited for this year's show entitled "Changes". Changes aren't just happening for me on the marching field though (notice I didn't say football field) changes are also happening for Stephen and Hope. Stephen finished his 5th grade year very strong and is excited to begin middle school in two and a half months. Hope is growing up on us no matter how much we try to stop it. When Stephen begins middle school Hope will begin kindergarten. She's very excited also.

Have a great summer.

-Phill, Stephen, and Hope



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eNewsletter version with DTV Reception Tips is available via email or at <http://newsletter.fredcrystal.com>

The Digital Television Transition

The Change from Analog to Digital Television

Note: In past issues of the Kovach Missions eNewsletter we have been discussing the Digital TV transition. Congress extended the deadline until June 12, 2009 and by the time you have received this newsletter, the transition will be “complete.” One of the issues that caused the postponement of the transition was difficulty in reception of the new television signals. Many people are still having difficulty in receiving Over-The-Air (OTA) antenna television. Below is a discussion of these problems:

Why does it seem like I do not receive signals as well with Digital Television as I did before?

There are several reasons why. First of all, most TV stations have been moved to the UHF band, which does not carry as far as the VHF band did. Many of the analog stations had VHF frequencies; but now they are UHF stations. It is rare that a station receive a VHF frequency assignment. Secondly, digital reception is all or nothing. Either you have the signal or you don't. There are no snowy pictures as in analog television. So if you had snowy pictures before, you may not get a signal at all.

What can do done to improve my signal?

There is plenty that can be done. But the first step is to do some research. For an easy to use website, go to <http://www.antennaweb.org> and enter your street address. They will give you a chart that will show you the distance and bearings to your local stations, plus make recommendations for antennas. If you are more tech savvy, go to <http://www.tvfool.com> There are enough tools and data to keep a broadcast engineer going for hours!

Your next step is to consider your surroundings. How far are you from the station's tower? Are you in a valley, hilltop or flat land? Is your building made of metal that can block your signal? Are there any tall buildings around you that may block your signal? These are factors that can determine how well you can receive a TV station.

I've done my research and I now know what kind of antenna I need. How do I install and adjust it?

This will come back again to your research. If you are further out from the towers (20 miles or more), you will need a bigger antenna and will probably have to place it in your attic or on your roof. If you live closer, you can probably get away with an indoor antenna or one in your attic.

If you live around tall buildings or in a valley, you will possibly have to place your antenna in your attic or on your roof. However, those 20 miles or closer in these circumstances may benefit from the use of the so-called “smart antennas.” These have built-in amplifiers and other circuits that can maximize the signals.

What about antenna amplifiers?

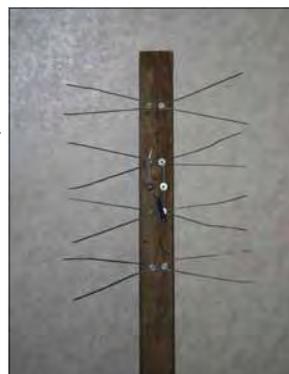
Antenna amplifiers can be very helpful, especially if you use a rooftop or attic antenna. They need to be installed close to or at the antenna; NOT at your TV. There are antenna amplifiers designed to do exactly this. We have had great results at Global University with Radio Shack's part #15-1170 in a more urban/suburban setting. Another model with a little bit more punch at Radio Shack is part #15-2507. There are also many Winegard models that can do the same thing, both at www.radioshack.com and at www.winegarddirect.com

Can you try to make this simple?

This is a complicated issue. Much more than the FCC and TV stations nationwide thought at first. And they have spent millions of dollars on trying to make reception better! If the above websites do not help you, perhaps the chart below can summarize this article for you. As always, if you have any questions, please feel free to contact us.

	Indoor Antenna	Smart Antenna	Attic Mounted*	Roof Mounted*
Closer than 20 miles	Yes	May be helpful	May be helpful	Optional
Further than 20 miles	??	May be helpful	Yes	Yes
In a valley	??	May be helpful	Yes	Yes
Tall Buildings nearby	??	May be helpful	May be helpful	Yes
In a metal building	No	Probably not	??	Yes
*An amplifier at the antenna is recommended for these locations.				

Lastly, I leave you with this picture of an antenna that our son Stephen and I built from a 2x4 and coat hangers! I found the design on YouTube.com and decided to try it. It works well and has helped to improve our reception. Needless to say, it dwells behind our TV cabinet, safely out of eyesight!



Additional Websites:

<http://www.antennaweb.org>

<http://www.DTVanswers.com>

<http://www.keepuson.com>

<http://www.tvfool.com>

<http://www.dtv2009.gov>

<http://www.DTVtransition.org>

All facts presented are current as of the writing of this article on June 3, 2009. Please check for any changes before following any advice given in this article. You can feel free to contact us with any questions at fredk@fredcrystal.com

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