**Lessons Learned - CDX 2015**

*Documentation*

What may seem like a simple implementation of a service may not be in actuality. I need to ensure that I clearly provide an explanation of how to change pages and how to manage the forward facing aspects of the site.

*Automation*

When it comes to maintenance of different devices during CDX, every device that can be removed from the ‘active checklist’ is one thing done easier. For next year, the object is to try to create a system that will actively check for issues and fix possible issues automatically in real time as the competition continues.

*Security*

Identifying SQL injections and other common PHP issues so that the possible web based injects go smoother and require a small group of people to complete.

*Don’t look at the Service Matrix*

This is not an accurate representation of what is currently happening on the network. Rather, ensure that you screen the data for things that might be an actual problem. For example, if all other schools cannot access your website then there is an issue. Otherwise, the issue is probably on the other end.

*Reuse code*

There is absolutely zero sense in rewriting a watch table when it was done before. We just need to ensure that the data is correct and then just reuse the framework from the year before.

*Be Ready*

Be ready for anything but, don’t get over stressed. Keep communication working well, stressed team members do not help the situation at all. Try to keep the room in a light mood then, when something happens everyone is ready to respond quickly and is fully engaged and interested. Try to prevent turning into a dictatorship where someone feels left out or unwanted if they make a mistake.