

# GenCyber Teachers

Improving K-12 CyberSecurity Methods



### Registration for GenCyber Teachers Camp

Registration is now open at [gencyberteachers.camp](http://gencyberteachers.camp)

### Administrator's Track

In the 2017 camp, I am encouraging a track of High School and Middle School Principals to apply to attend. So if you know an administrator who would benefit from attending the camp pass on the information. By having administrators involved, it will help build successful programs in the schools.

### CyberSecurity First Principles: Modularization



Modularization

The concept of modularity allows building blocks, each block for modular, can be put in or taken out from a bigger project. Each module has its own separate function that can then be combined with other modules.

## GenCyber Teachers Camp June 19 - June 23, 2017

Dakota State University To Host Fifty  
6th - 12th Grade STEM Teachers for Weeklong Camp

For the second year, Dakota State University will host 50 6th-12th grade STEM teachers for an exciting weeklong GenCyber Teachers camp. The Camp will be held in Madison, SD on June 19 - June 23, 2017, under the direction of Rob Honomichl.

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### CYBHER GIRLS CAMP

Middle School Girls  
June 25 - 29, 2017  
[gencybergirls.camp](http://gencybergirls.camp)

2

### GENCYBER CAMP

High School Camp  
July 9- 14, 2017  
[gencyber.camp](http://gencyber.camp)

3

### GENCYBER CAMP

High School Camp  
July 16 - 21, 2017  
[gencyber.camp](http://gencyber.camp)

## CyberSecurity First Principles: Modularity

The concept of modularity is like building blocks. Each block (or module) can be put in or taken out from a bigger project. Each module has its own separate function that is interchangeable with other modules.

As the camp is being prepared, the first CyberSecurity First Principle that comes to my mind is that of **modularity**. Throughout the five days that will be spent on campus, we will be working on the building blocks of programming, networking and cybersecurity, with the the idea of a bigger project.

Throughout the week and through the sessions we will be looking at the 10 different CyberSecurity First Principles and how we can develop lessons and teaching practices to begin integrating them into our classrooms.



During the week each participant will work on creating lessons and materials for their classroom and to be shared with the other participants as well as other teachers in the state.

To help develop teamwork, curriculum building and a better understanding of the CyberSecurity First Principles, this year's camp will include The Escape Unit, a mobile escape adventure. Teams will work together on challenges focusing on the 10 CyberSecurity First Principles.

**GenCyber Teachers Camp - June 19-23 - Dakota State University - [gencyberteachers.camp](http://gencyberteachers.camp)**



### ROB HONOMICHL - GENCYBER TEACHERS CAMP DIRECTOR

I am so excited that we will once again be offering a GenCyber Teachers Camp at Dakota State University this summer. Including the Summer 2017 camps, DSU will have hosted over 1800 students and teachers over the past four summers.

Having been involved in k12 technology for 16 years, I believe that his camp is an amazing way to provide quality professional development to STEM teachers. Through the GenCyber Camps we can help supply the demand for great curriculum for teachers and students across the nation.

I can't wait to kick off the camp on June 19th. Please feel free to contact me at [rob.honomichl@dsu.edu](mailto:rob.honomichl@dsu.edu).