CYBER SECURITY SUMMER 2018

NAME:_____

DATE:_____

GRADE:_____

HOME SCHOOL:_____

NEGATIVE POINTS = ( )
POSTIVE POINTS = [ ]
EXTRA = ! !
LEADERSHIP (12 DAYS)
[ ][ ][ ][ ][ ]   [ ][ ][ ][ ][ ]   [ ][ ]

MISS HOLLY ACTIVITIES
[ ][ ][ ][ ]

SUMMER 2018 CHECKLIST
http://www.system-rescue-cd.org/ systemrescuecd-x86-5.2.2.iso (FireFox)
System Rescue CD (USB)
[ ] Boot to systemrescuecd 64 bit
[ ] ssh -l user 10.183.1.30 (jail)
[ ] touch files.txt
[ ] nano files.txt
[ ] mkdir nameofdirecotry
[ ] Format harddrive with gparted

Debian 9
[ ] Install and confure drives manually
[ ] Configure xfce4, gnome or kde https://extensions.gnome.org/
[ ] Install the following:
{ } geany genay-plugins, apache2, arduino, blender, inkscape, gimp, wireshark
{ } tcpdump

KVM (Kernal Virtual Manager)(https://wiki.debian.orgLeadership (12 days)
[ ][ ][ ][ ][ ]   [ ][ ][ ][ ][ ]   [ ][ ]/KVM)
[ ] Install KVM and virt-manager (https://wiki.debian.org/KVM)
Linux
[ ] Create
Windows
[ ] Create Windows 10 VM
[ ] Win 10 Installs: cygwin, Oracle JDK, Atom.io
[ ] Compile and run Hello.Java
[ ] Compile squareroot.c

html
[ ] Link image in "img" and directory <img src = "img/github.png">
[ ] Make link to directory, webpage and html or php file.
[ ] Save code from w3shools.com
[ ] Add css to
[ ] Inlcude Javascript random images to Debian localhost
! ! Special charaters: https://www.w3schools.com/html/html_charset.asp
        <   >
Leadership (12 days)
[ ][ ][ ][ ][ ]   [ ][ ][ ][ ][ ]   [ ][ ]
githubSummer 2018
[ ] Create a Gitub account with a professional email.

[ ] Create a repository and upload code (html)
[ ] Create a github website username.github.io

Python
[ ] Code and run a program. (Linux)
[ ] Run Raspberry Pi Minecraft python code.
[ ] Save python Minecraft code on github.

C/C++
[ ] Code and run a program . (Linux and Windows)
[ ] hello.c world with math. (gcc hello.c -o hello -lm)
[ ] squareroot.c with (gcc squareroot.c -o squarerooLeadership (12 days)
[ ][ ][ ][ ][ ]   [ ][ ][ ][ ][ ]   [ ][ ]t -lm)

Arduino
[ ] Blink LED
[ ] Fade LED
[ ] Ultrasonic Sensor
[ ] Fade LED [ ]Fade 2 LEDs.
[ ] Neo-Pixel: [ ] Static Colors ! ! Increment ! ! For-Loop
[ ] Push code to github

Node (Javascript) (Extra)
[ ] Hello world
[ ] Output to console two different ways.
[ ] Run RandomInt and create a file of characters. grep the file)
[ ] Nodeschool.io

Raspberry Pi (RPi)
[ ] Nginx . Configure Document Root to /home/pi/http/
[ ] Install Bless and edit Minecraft-pi on DesktopLeadership (12 days)
[ ][ ][ ][ ][ ]   [ ][ ][ ][ ][ ]   [ ][ ]
[ ] Play Minecraft and create objects using Python
[ ] Network RPi and create Python objects in another players world. (Research)

Wireshark
[ ] Install Wireshark and run it as a non-root user.
[ ] Capture web browsing packets. Save them and inspect them.

Day 13 and 14 Independant Projects
Day 13 AM [ ] Day 13 PM [ ]
Day 14 AM [ ] Day 14 PM [ ]
Day 14 CLEAN UP LAB [ ]
Leadership (12 days)
[ ][ ][ ][ ][ ]   [ ][ ][ ][ ][ ]   [ ][ ]
NEGATIVE POINTS
PHONE USE DURING CLASS (EMPLOYABILITY)
( ) ( ) ( ) ( ) ( )   ( ) ( ) ( ) ( ) ( )   ( )( )( )( )
GAMES AND VIDEO DURING CLASS
( ) ( ) ( ) ( ) ( )   ( ) ( ) ( ) ( ) ( )   ( )( )( )( )

GRADING
Total [ ] checked = _____

Total ( ) checked = _____

What grade do you feel you deserve? A A- B+ B B- C+ C C- D

Additional Projects:
Please list individual projects you worked on on the back of this page.

Evaluation:
On the back of this page please evaluate your Summer School Cyber Security Experience.
(Remember: Before you can find hackers you need to know how things work.)

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