

## CYBERCAMP INSTRUCTIONAL ACTIVITY SCHEDULE

School Division(s): Nelson County School: Nelson County High School

Camp Begin Date: June 6, 2016 Camp End Date: June 23, 2016 Days of Week: Mon. - Friday

Daily Instruction Begin Time: 7:45 Daily Instruction End Time: 12:30 Specify alternate schedules below

Lunch Period (begin/end): 11:00 – 11:30 Total instructional hours including guest speaker(s) field trip(s) and culminating

Enrollment 25 activity: 70

### WEEK 1 – JUNE 6- 10, 2016

Monday	Tuesday	Wednesday	Thursday	Friday
Intro to Cybersecurity /Camp Activities Pre-test Kick Off - Guest Speaker Bedford County Internet Crimes Team (10:00 – 11:00)  STEM EDA Electricity  Projects: Circuits	Humanities Activity- Design Flashlight  Robotics: Hello world	Hello World  ASCII and Timers  Timers and LEDs	Digital Technology Friendships Privacy Trust  Activities: Role Play Debates Interactive Response Games ( Buzzers)	Current Events  Life Journeys  Guest Speaker- Local Electric Cooperative Representative  Topic: Electricity and its connection to the Cyber World.

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### WEEK 2– JUNE 13-17, 2016

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Networks</p> <p>Activity – Human Networks</p> <p>Creative networking group projects.</p> <p>***Virtual Guest Speaker to be scheduled during this week- TBD.</p>	<p>Navigations</p> <p>Programming/Coding</p> <p>Basic Loops</p>	<p>Basic Navigations</p> <p>Subroutines</p> <p>Tuning Maneuvers</p>	<p>Infrared Navigation</p> <p>Activity – Boe- Bots Obstacle Course/ Race</p>	<p>IR Programmable Remotes</p> <p>Humanities Activity – Wireless Devices</p>

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### WEEK 3 – JUNE20-23, 2016

Monday	Tuesday	Wednesday	Thursday	Friday
<p>Camp Field Trip – ( 7:30 a.m. – 5:00 p.m.)</p> <p>Northrop-Grumman- Innovation Center McClean, VA</p> <p>Purpose : Tour facility and participate in cyber simulation activities.</p>	<p>Cyber Ethics Debates Life Journeys</p>	<p>Digital Technology Presentations Portfolios</p> <p>Post - test</p>	<p>2016 Cyber Camp Culminating Activity Community Engagement Breakfast</p> <p>Student Presentations</p> <p>Recognition Ceremony</p>	<p>No Camp</p>