

ATTACHMENT B (Template)

CYBERCAMP INSTRUCTIONAL ACTIVITY SCHEDULE

School Division(s): Charlottesville City Schools School: Charlottesville High School

Camp Begin Date: June 13, 2016 Camp End Date: June 30, 2016 Days of Week: M,T,W,Th

Daily Instruction Begin Time: 7:45 am Daily Instruction End Time: 1:15 pm Specify alternate schedules below*

Pre-test: Week of 5/30 *Extended day schedule on 6/23 7:45am – 6:00 pm

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

Enrollment: 25 activity: 70.75

WEEK 1—JUNE 13-16, 2016

Monday	Tuesday	Wednesday	Thursday
<ol style="list-style-type: none"> Introduction to cybersecurity and learning experiences during the camp (Icebreakers, safety, expectations) STEM EDA Electricity Apply (Electricity) Intro to Humanities and Cyber (Liberal Arts) 	<ol style="list-style-type: none"> Finish STEM EDA Electricity (Apply) VA Education Wizard Digital Technology, Friendships, and Personal Relationships (Cyber Society) 	<ol style="list-style-type: none"> Hello World (Robotics) Current Events (Liberal Arts) ASCII and Timers (Robotics) 	<ol style="list-style-type: none"> Finish ASCII and Timers (Robotics) Digital Technology and Privacy (Cyber Ethics) Field Trip – 11:00 – 1:15 Apex Wind Energy facility tour – Remote Operations Control Center

WEEK 2—JUNE 20-23, 2016

Monday	Tuesday	Wednesday	Thursday
<ol style="list-style-type: none">1. Timers and LEDs (Robotics)2. Networks (Liberal Arts)3. Digital technology and the human personality (Cyber Ethics)4. Guest Speaker – Batelle Cybersecurity	<ol style="list-style-type: none">1. Basic Navigation and Subroutines (Robotics)2. Malware (Liberal Arts)3. Field Trip to UVa (11 am – 1:15 pm) – Dr. Barry Horowitz – presentation, tour; Public-private partnership to protect public service employees from cyber attacks targeting automobiles	<ol style="list-style-type: none">1. Turning Maneuvers (Robotics)2. Digital Technology, Harms, and Trust (Cyber Ethics)3. IC3 GS4 study time	<ol style="list-style-type: none">1. Field Trip – DC (7:45-6:00) Google DC campus tour

WEEK 3—JUNE 27-30 2016

Monday	Tuesday	Wednesday	Thursday
<ol style="list-style-type: none">1. Infrared Navigation I (Robotics)2. Debate preparation (Liberal Arts)3. Infrared navigation II (Robotics)4. Guest speaker (11:00am – 1:15 pm) – Northrop Grumman Cybersecurity and Robotics	<ol style="list-style-type: none">1. Infrared navigation II (robotics)2. IR Programmable Remote (Robotics)3. Debate preparation (liberal Arts)	<ol style="list-style-type: none">1. Post-assessment2. IR programmable remote (Robotics)3. Cyber ethics culminating activity – (Cyber ethics)4. Debates (liberal arts)	<ol style="list-style-type: none">1. Cyber ethics Culminating activity (CyberEthics)2. Recognition ceremony – Keynote Speaker: Adam Hastings, Dean of Business, Mathematics, and Technologies, PVCC