

CYBERCAMP INSTRUCTIONAL ACTIVITY SCHEDULE

School Division(s): Manassas Park City Schools School: Manassas Park High School

Camp Begin Date: July 5, 2016 Camp End Date: July 16, 2016 Days of Week: Week 1 Tues.-Fri. Week 2 M-S

Daily Instruction Begin Time: 8:00 Daily Instruction End Time: 3:30 Specify alternate schedules below

Lunch Period (begin/end): 11:45-12:15 Total instructional hours including guest speaker(s) field trip(s) and culminating

Enrollment 25 activity: 70

WEEK 1 – July 4, 2016				
Tuesday	Wednesday	Thursday	Friday	Saturday
8:00 – 11:45 Introduction	8:00 – 11:45 Digital Technology and Relationships	8:00 – 11:45 Micron Field Trip	8:00 – 11:45 History of Cyber Terrorism	8:00 – 11:45 Cyber Lesson 5 - Networks
Ice Breaker	11:45 – 12:15 Lunch	11:45 – 12:15 Lunch	Virginia Wizard Career Inventory	11:45 – 12:15 Lunch
Intro to Ethics	12:15 – 3:30 Lesson1 BoeBot - Introduction	12:15 – 3:30 Boe Bot – LED	11:45 – 12:15 Lunch	12:15 – 3:30 BOE Bots and Programming Infrared
11:45 – 12:15 Lunch	Lesson 2 BoeBots -Hello World		12:15 – 3:30 Boe Bot – BASIC Command/Subroutine	
12:15 – 3:30 Intro to Circuits				
Pretest				

WEEK 2 – July 11 2016

Monday	Tuesday	Wednesday	Thurs	Friday
8:00-3:30 Field Trip – FBI Building	8:00 – 11:45 Cyber Literacy Lesson 10 - Robots Malware – Lesson 6 11:45 – 12:15 Lunch 12:15 – 3:30 Boe Bots and Programming - Boe bot Caravan	8:00 – 11:45 Guest Panel Career Explorations 11:45 – 12:15 Lunch 12:15 – 3:30 5 Stations – Boe Bots	8:00 – 11:45 Cyber Terrorism Scenarios – Response and Consequences Debate 11:45 – 12:15 Lunch 12:15 – 3:30 Battle Field Robots Boe Bots and Programming	8:00-9:00 Post Test 9:00-11:45 Team Building 11:45-12:15 Lunch 12:15-2:00 Boe Bot Obstacle Course 2:00-3:30 Celebration

Additional topics to be included if time is available:

**Design your own Virus
Cypher and Encryption
Nanobots
Robotics in Defense**

Other adjustments best on Pretest Data