

CYBERCAMP INSTRUCTIONAL ACTIVITY SCHEDULE Week 1

School Division(s): Richmond Public Schools School: Franklin Military Academy

Camp Begin Date: July 11, 2016 Camp End Date: July 28, 2016 Days of Week: Monday -Thursday

Daily Instruction Begin Time: 8:30 AM Daily Instruction End Time: 2:30 PM Specify alternate schedules below

Lunch Period (begin/end): 12-12:30 Total instructional hours including guest speaker(s) field trip(s) and culminating

Enrollment (TBD-25) activity: 70 - nicerc.instructure.com

WEEK 1 – JULY 11- 2016 CYBER Lit and Electricity nicerc.instructure.com

Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00 Breakfast	8:30-9:00 Breakfast	8:30-9:00 Breakfast	8:30-9:00 Breakfast	NO CAMP
9:00-10:30 Introduction to cybersecurity and learning experiences during the camp Pretest	9:00-10:30 STEM EDA Electricity – Introduction to Multimeters Series and parallel circuits Loading a circuit lab	9:00-10:30 Current Events Liberal Arts Project Cyber Law -technology/criminal -intellectual property	9:00-10:00 Dramatic Tableau in the classroom activity 10:00 Depart for Capital One field trip and presentation. (4 hours) Snack on bus.	
10:30-10:45 Break/Snack	10:30-10:45 Break/Snack		- 10:30 a.m. – Students arrive - 10:30 a.m. – 12:00 p.m. – Tour & activities - 12:00 p.m. – 12:45 p.m. – Lunch - 12:45 p.m. – 1:30 p.m. – Afternoon activities - 1:30 pm – 1:45 p.m. – Wrap up/ closing - 1:45 p.m. – Students dismissed	
10:45-12:00 Intro to Electricity Current Resistance And Ohms Law Liberal Arts- writing activity	10:45-12:00 Kirchhoffs Law Christmas Tree Lab Some Chemistry	10:30-10:45 Break/Snack 10:45-12:00 BASIC Basics Passwords – Liberal Arts Activity		
12:00-12:30 Lunch	12:00-12:30 Lunch (Teacher Led Group Discussion)			
12:30-1:15 Utility Meters and Appliance	12:30-1:15	12:00-12:30 Lunch (Video Career and		

<p>Calculator</p> <p>1:15-1:30 Break/Snack</p> <p>1:30-2:30 Intro to humanities and cyber Presidential Cyber Platform</p> <p>Dismissal</p>	<p>Homemade Batteries</p> <p>1:15-1:30 Break/Snack</p> <p>1:30-2:30 Electro Magnet Lab</p> <p>Dismissal</p>	<p>College Readiness activity)</p> <p>12:30-1:30 Cyber Terrorism</p> <p>1:30-1:45 Break/Snack</p> <p>1:45-2:30 Cyber Law/Ethics Project</p> <p>Dismissal</p>	<p>2:00-2:30 Reflections- Dramatic Tableau completion</p> <p>Dismissal</p>	
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CYBERCAMP INSTRUCTIONAL ACTIVITY SCHEDULE Week 2

School Division(s): Richmond Public Schools School: Franklin Military Academy

Camp Begin Date: July 11, 2016 Camp End Date: July 28, 2016 Days of Week: Monday -Thursday

Daily Instruction Begin Time: 8:30 AM Daily Instruction End Time: 2:30 PM Specify alternate schedules below

Lunch Period (begin/end): 12-12:30 Total instructional hours including guest speaker(s) field trip(s) and culminating

Enrollment (TBD-25) activity: 70 - nicerc.instructure.com

WEEK 2 – JULY 18-21, 2016 Cyber and Programming nicerc.instructure.com

Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00 Breakfast	8:30-9:00 Breakfast	8:30-9:00 Breakfast	8:30-9:00 Breakfast	NO CAMP
9:00-10:00 Programming BASIC basics	9:00-10:00 Boe Bots cont'd Retest the Servo and Speakers	9:00-10:30 Guest Speaker from VCU	9:00 Depart for Field Trip to Virginia Commonwealth University	
10:00-10:30 Programming BASIC-Loops		10:30-12:00 Digital Technology , Harms, and Trust	9:30-10:30 Students will tour the campus, meet chairs, deans, and or students from the Majors: Info Systems, Computer Science, Homeland Security, and Emergency Preparedness.	
10:30-10:45 Break/Snack	10:45-11:00 Break/Snack	12:00-12:30 Lunch(Counselor Chat)	10:30-11:30 Students will go to the labs and experience the high tech computer systems. Break for bathrooms included	
10:45-12:00 Intro-Hello World Cyber Ethics and Malware Attacks-Liberal Arts	11:00-11:30 Tuning Manuevers	12:30-1:30 BoeBot cont'd Tuning Maneuvers Whisker Navigation	11:45-12:15 Student lunch at Shafer Court Dining Center	
12:00-12:30 Lunch (Career and College Readiness activity)	11:30-12:00 Creative Whisker Challenge	1:30-1:45 Break/Snack		
	12:00-12:30 Lunch (Teacher Lead Group	1:45-2:30		

<p>12:30-1:15 ASCII and Timers Timers and LED's Servo Commands</p> <p>Cyber Bullying- Humanities Digital Technology and the Human Personality</p> <p>1:15-1:30 Break/Snack</p> <p>1:30-2:30 Assemble the Boe Bots Retest the Servo and Speakers Basic Navigation and Subroutines</p> <p>Dismissal</p>	<p>Feedback)</p> <p>12:30-1:30 Battlefield Robots- Humanities</p> <p>AND</p> <p>Revolving discussions with Counselor –Cyber Careers</p> <p>1:30-1:45 Break/Snack</p> <p>1:45-2:30 Infared Navigation cont'd BoeBot Tests</p> <p>Dismissal</p>	<p>Tuning Maneuvers Whisker Navigation</p> <p>Dismissal</p>	<p>12:15-1:00</p> <p>Participate in the national challenge Student Group- Hackathon. Departure</p> <p>1:30 Return to Franklin Campus</p> <p>1:30-2:30 Reflections- Dramatic Tableau cont'd</p> <p>Dismissal</p>	
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CYBERCAMP INSTRUCTIONAL ACTIVITY SCHEDULE Week 3

School Division(s): Richmond Public Schools School: Franklin Military Academy

Camp Begin Date: July 11, 2016 Camp End Date: July 28, 2016 Days of Week: Monday -Thursday

Daily Instruction Begin Time: 8:30 AM Daily Instruction End Time: 2:30 PM Specify alternate schedules below

Lunch Period (begin/end): 12-12:30 Total instructional hours including guest speaker(s) field trip(s) and culminating

Enrollment (TBD-25) activity: 70 - nicerc.instructure.com

WEEK 3 – JULY 25-28, 2016 Robotics and Liberal Arts
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Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:00 Breakfast	8:30-9:00 Breakfast	8:30-9:00 Breakfast	8:30-9:00 Breakfast	NO CAMP
9:00-11:00 Infared Navigation (CL)	9:00-10:00 Guest Speaker from NGA	9:00-10:45 Debates	9:00-12:00 Close debates	
11:00-11:15 Break/Snack	10:00-10:45 Infared Navigation (CLII)	10:45-11:00 Break/Snack	Tying loose ends	
11:15-12:00 IRobot Programmable Remote (CLII)	10:45-11:00 Break/Snack	11:00-12:00 IRobot Programmable Remote	12:00-2:30 Lunch served at culmination	
12:00-12:30 Lunch (Teacher Lead Group Feedback)	11:00-12:00 Infared Navigation (CLII)	12:00-12:30 Lunch (Career and College Readiness activity)	Cyber Ethics Culminating activity (presentation of debates and Boe Bots Awards/Recognition)	
12:30-1:30 Debates	12:00-12:30 Lunch (Counselor Chat)	12:30-1:15 IRobot Programmable	Student Dismissal	

1:30-1:45 Break/Snack	I Robot Programmable Remote Quick Break for Snacks	Remote 1:15-1:30 Break/Snack		
1:45-2:30 Humanities and Cyber Boe Bot Creed	1:30-2:30 Debates	1:30-2:30 Post Test.		