

TEAMS

EVENT SCHEDULE

818 Allen Bowen
 831 Canadian
 829 Cristo Rey HS
 588 Dunbar 1
 835 Dunbar 2
 229 Girl Scout
 414 Irving MS
 824 John Rex
 187 Jones Academy
 815 Kiamichi Tech
 136 Kiefer
 736 Kiefer
 710 Lexington
 792 Lexington
 827 Lukfata School
 447 Mid-Del School District
 448 Mid-Del School District
 836 Mid-Del School District
 59 Millwood
 484 Millwood
 468 Noble HS
 711 Noble HS
 720 Noble HS
 113 Norman
 838 Olive PS
 109 Oliver MS
 101 Plainview
 830 Sapulpa Chieftains
 828 Straford
 754 The Academy
 726 Varnum HS
 316 Weleetka HS

8 am

Pit Opens
Practice

10 am

Begin Seeding

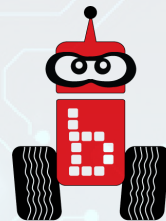
12:30 pm

Lunch
Double Elimination
Awards Following DE

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and photos.



#botball #kipr



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Oklahoma 2023

Oklahoma
OIL & NATURAL GAS

ARVEST[®]

OERB



TFCU
Tinker Federal Credit Union

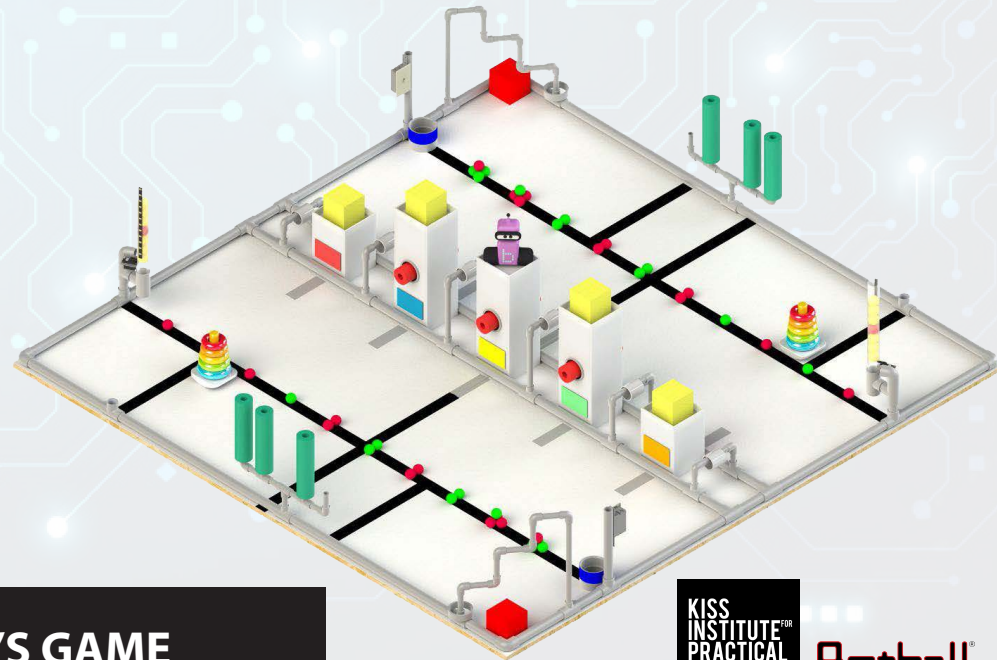


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SCORING SHEET



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THIS YEAR'S GAME

In this year's game, Botgal has taken on a new role as a Cybersecurity Engineer! She is working in a modern Data Center and must take on the challenge of keeping the Data Center operational while defending against cyber threats. She applies her experience to be able to protect the network, mitigate infected systems, and analyze threats. With her background, she is able to quickly maneuver between the Watch Floor where she oversees daily operations, to locations such as the Analysis and Cybersecurity Labs to really dive into the issues at hand. She must leverage her experience to keep the Data Center fully operational.

The Watch Floor is where Botgal's team of site engineers are constantly watching for any issues with the Data Center. The External Network (internet) connection to the data center enters through the Watch Floor. Hackers are working to disrupt Internet services by deploying some malicious programs (malware). She must install the Firewall to secure the network connection. Even better, she can leverage Wireshark to analyze the incoming data packets to further identify potential malware. She will have to respond quickly to get tools from the Cybersecurity Lab to the Network Connection to prevent future attacks.

Within the Data Center, packets are constantly on the move. Botgal and her team must analyze all packets to identify malware and take them to the Cybersecurity Lab. She needs to collect as many packets as possible in the Cybersecurity and Analysis Lab; however, mixing the malicious and benign packets makes her analysis more difficult.

One of Botgal's primary tasks is keeping the servers patched and operational. The servers reside in five racks in the Server Room. She must apply the correct Patch to the appropriate server. In addition, she's discovered some hard drives in the Server Racks that have been infected and must be swapped. She must go to the Backup Room to retrieve clean backup hard drives to install in the servers. Lastly, to effectively monitor the network traffic and behavior of her systems, she must retrieve the Logs from the servers and bring them to the Analysis Lab where she analyzes the logs to find anomalous system activity that may indicate there's a hacker operating on her network.

One of the worries that keep Cybersecurity Engineers awake at night is a "zero day" attack. In the case of a potential zero day, Botgal will need to notify the Computer Incident Response Team to ensure that other Cybersecurity Engineers are warned about the threat. In addition, she must get the malware over to the Cybersecurity Lab for further analysis to determine if the anomalous activity is in fact a zero day. Botgal must use the Reverse Engineering tool to determine if she has, in fact, discovered a zero day.

While Botgal hopes that the Data Center will not be attacked by hackers, she has taken proactive steps to prepare, mitigate, and act upon dynamic and complex cyber threats. She is ready to defend the network!

Areas	Itemized Points	Multipliers	Totals
1. Data Center			
Unsorted Poms	# _____ X 5 = _____	Alarm	
Sorted Poms/Cubes	# _____ X 25 = _____	X 2	
Rings/Empty Ring Stand	# _____ X 100 = _____	+	
Pool Noodles/Botgal	# _____ X 200 = _____	Stack Height	
	Subtotal = _____	X _____	
2. Watch Floor			
Unsorted Poms	# _____ X 10 = _____	Botgal	
Sorted Poms	# _____ X 50 = _____	X 2	
Rings/Empty Stand/Yellow Cubes	# _____ X 100 = _____	+	
Pool Noodles	# _____ X 200 = _____	Stack Height	
Red Cubes	# _____ X 400 = _____	X _____	
	Subtotal = _____		
3. Analysis Lab			
Unsorted Poms	# _____ X 10 = _____	Botgal	
Sorted Poms	# _____ X 50 = _____	X 2	
Rings/ Empty Stand	# _____ X 100 = _____	+	
Pool Noodles/ Red Cubes	# _____ X 200 = _____	Stack Height	
Yellow Cubes	# _____ X 400 = _____	X _____	
	Subtotal = _____		
4. Backup Storage Room			
Unsorted Poms	# _____ X 10 = _____	Botgal	
Sorted Poms	# _____ X 50 = _____	X 2	
Rings	# _____ X 100 = _____	+	
Pool Noodles/Cubes/Empty Stand	# _____ X 200 = _____	Stack Height	
Mounted Red Noodles	# _____ X 500 = _____	X _____	
	Subtotal = _____		
5. Cybersecurity Lab			
Unsorted Poms	# _____ X 10 = _____	Botgal	
Sorted Poms	# _____ X 50 = _____	X 2	
Rings/ Empty Stand/ Red Cubes	# _____ X 100 = _____	+	
Yellow Cubes/ Pool Noodles	# _____ X 200 = _____	Stack Height	
Alarm Flipped	# _____ X 250 = _____	X _____	
	Subtotal = _____		
6. Reverse Engineering Tool		Encryption Keys	
Reverse Eng. Tool Level	# _____ X 350 = _____	X _____	
7. Wireshark		Analysis Lab	
Ping Pong Balls	# _____ X 100 = _____	X 3	
Only Red Ping Pong Ball	# _____ X 1000 = _____	or	
Botgal Same Zone as Red PP Ball	# _____ X 500 = _____	All Other Zones	
	Subtotal = _____	X 2	
8. External Network Connection		Alarm	
PP Balls w/ Firewall in Place	# _____ X 150 = _____	X 2	
9. Server Room		Matching Rings	
Rings on Base Tape	# _____ X 150 = _____	X _____	
Rings on Short Rack	# _____ X 300 = _____		
Rings on Tall Rack	# _____ X 500 = _____		
Green Pool Noodles in Rack	# _____ X 500 = _____		
	Subtotal = _____		
10. Max File Accumulation		Sorted	
Poms	# _____ X 30 = _____	X 10	
		Side A	
		Total	