



National Youth Leadership Forum: Pathways to STEM

University of Memphis

July 19-July 23, 2021

Monday, July 19, 2021

7:45 AM-8:30 AM	Registration
8:30 AM-9:30 AM	Welcome to NYLF: Pathways to STEM
9:30 AM-9:45 AM	Leadership <i>Goal Setting</i>
9:45 AM-10:30 AM	Leadership <i>Emotional Awareness</i>
10:30 AM-10:45 AM	Team Builder
10:45 AM-12:00 PM	CSI <i>Intro to CSI: Powdery Substances</i>
12:00 PM-1:00 PM	Lunch
1:00 PM-2:00 PM	Leadership <i>Building a Team</i>
2:00 PM-3:00 PM	Recreation Time <i>Ice Breakers, Arts & Crafts, Games, Team Sports</i>
3:00 PM-3:10 PM	Snack Break
3:10 PM-4:05 PM	Medicine (B) <i>Intro to Medicine: Emergency Medicine</i>
3:10 PM-4:25 PM	Engineering (A) <i>Intro to Engineering: Building your mBot</i>
4:10 PM-5:25 PM	Engineering (B) <i>Intro to Engineering: Building your mBot</i>
4:30 PM-5:25 PM	Medicine (A) <i>Intro to Medicine: Emergency Medicine</i>
5:30 PM	Daily Check-Out
6:00 PM-7:00 PM	Dinner* <i>For Extended Day Scholars ONLY</i>
7:00 PM-8:00 PM	Evening Team Time* <i>For Extended Day Scholars ONLY</i>
8:10 PM	Extended Day Check-Out* <i>For Extended Day Scholars ONLY</i>

Tuesday, July 20, 2021

7:15 AM-7:30 AM	Extended Day Check-Out* <i>For Extended Day Scholars ONLY</i>
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7:45 AM-8:30 AM	Daily Check-In
7:45 AM-8:30 AM	Breakfast* <i>For Extended Day Scholars ONLY</i>
8:30 AM-9:15 AM	Leadership <i>Communication</i>
9:15 AM-10:30 AM	Medicine (A) <i>Creating a Model Lung</i>
9:15 AM-10:30 AM	Engineering (B) <i>Introduction to Programming</i>
10:35 AM-11:50 AM	Engineering (A) <i>Introduction to Programming</i>
10:35 AM-11:50 AM	Medicine (B) <i>Creating a Model Lung</i>
11:50 AM	Group Photo <i>STEM Group Rotations</i>
12:00 PM-1:00 PM	Lunch
1:00 PM-2:00 PM	CSI <i>Blood Drop Replication</i>
2:00 PM-3:00 PM	Recreation Time <i>Ice Breakers, Arts & Crafts, Games, Team Sports</i>
3:00 PM-3:15 PM	Snack Break
3:15 PM-4:00 PM	Presentations <i>Prep and Practice</i>
4:10 PM-5:20 PM	STEM Challenge <i>Building Amusement Park Rides</i>
5:30 PM	Daily Check-Out
6:00 PM-7:00 PM	Dinner* <i>For Extended Day Scholars ONLY</i>
7:00 PM-8:00 PM	Evening Team Time* <i>For Extended Day Scholars ONLY</i>
8:10 PM	Extended Day Check-Out* <i>For Extended Day Scholars ONLY</i>

Wednesday, July 21, 2021

7:15 AM-7:30 AM	Extended Day Check-In* <i>For Extended Day Scholars ONLY</i>
7:45 AM-8:30 AM	Daily Check-In

7:45 AM-8:30 AM	Breakfast* <i>For Extended Day Scholars ONLY</i>
8:30 AM-9:15 AM	Leadership <i>Collaboration</i>
9:15 AM-10:30 AM	Medicine (A) <i>Calf Heart Dissection</i>
9:15 AM-10:30 AM	Engineering (B) <i>mBot Programming Mission</i>
10:30 AM-10:45 AM	Team Builder
10:45 AM-12:00 PM	Engineering (A) <i>mBot Programming Mission</i>
10:45 AM-12:00 PM	Medicine (B) <i>Calf Heart Dissection</i>
12:00 PM-1:00 PM	Lunch
1:00 PM-2:00 PM	CSI <i>Blood Drop Analysis</i>
2:00 PM-3:00 PM	Recreation Time <i>Ice Breakers, Arts & Crafts, Games, Team Sports</i>
3:00 PM-3:15 PM	Snack Break
3:15 PM-4:00 PM	Presentations <i>Prep and Practice</i>
4:10 PM-5:20 PM	STEM Challenge <i>Building Amusement Park Rides</i>
5:30 PM	Daily Check-Out
6:00 PM-7:00 PM	Dinner* <i>For Extended Day Scholars ONLY</i>
7:00 PM-8:00 PM	Evening Team Time* <i>For Extended Day Scholars ONLY</i>
8:10 PM	Extended Day Check-Out* <i>For Extended Day Scholars ONLY</i>

Thursday, July 22, 2021

7:15 AM-7:30 AM	Extended Day Check-In* <i>For Extended Day Scholars ONLY</i>
7:45 AM-8:30 AM	Daily Check-In
7:45 AM-8:30 AM	Breakfast* <i>For Extended Day Scholars ONLY</i>
8:30 AM-9:15 AM	Leadership <i>Critical Thinking</i>
9:15 AM-10:30 AM	Medicine (A) <i>Diagnosing Snakebites</i>

9:15 AM-10:30 AM	Engineering (B) <i>Building Bridges</i>
10:30 AM-10:45 AM	Team Builder
10:45 AM-12:00 PM	Engineering (A) <i>Building Bridges</i>
10:45 AM-12:00 PM	Medicine (B) <i>Diagnosing Snakebites</i>
12:00 PM-1:00 PM	Lunch
1:00 PM-2:00 PM	CSI <i>Analyzing Fingerprints</i>
2:00 PM-3:00 PM	Recreation Time <i>Ice Breaker, Arts & Crafts, Games, Team Sports</i>
3:00 PM-3:15 PM	Snack Break
3:15 PM-4:00 PM	Presentations <i>Prep and Record</i>
4:10 PM-5:20 PM	STEM Challenge <i>Building Amusement Park Rides</i>
5:30 PM	Daily Check-Out
6:00 PM-7:00 PM	Dinner* <i>For Extended Day Scholars ONLY</i>
7:00 PM-8:00 PM	Evening Team Time* <i>For Extended Day Scholars ONLY</i>
8:10 PM	Extended Day Check-Out* <i>For Extended Day Scholars ONLY</i>

Friday, July 23, 2021

7:15 AM-7:30 AM	Extended Day Check-In* <i>For Extended Day Scholars ONLY</i>
7:45 AM-8:30 AM	Daily Check-In
7:45 AM-8:30 AM	Breakfast* <i>For Extended Day Scholars ONLY</i>
8:30 AM-9:15 AM	Leadership <i>Goal Setting</i>
9:15 AM-10:30 AM	Presentations <i>Prep and Record</i>
10:30 AM-10:45 AM	Team Builder
10:45 AM-11:45 AM	STEM Challenge <i>Building Amusement Park Rides</i>
11:45 AM-12:30 PM	Lunch
12:45 PM-1:45 PM	STEM Challenge <i>Amusement Park Showcase</i>

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1:45 PM-2:30 PM

Program Celebration

2:30 PM

Program Departure