

National Youth Maker Summit

2018 Program Schedule

Thursday, November 1, 2018

- 3:00-5:00pm **Registration & Check-in**
- 5:00-5:30 **Orientation** – *Objectives, Agenda, Expectations, and Pre-Survey*
- 5:30-6:30 **Dinner** – Clover Café
- 6:30-7:00 **Welcome & Keynote Speaker**
- *Google's Curtis Ullerich with "Microbit Tag"*
- 7:15-8:15 **Team Design Challenge**
- Rube Goldberg
- 8:15-9:15 **Mini Maker Faire State Showcase**
- 9:30-10:30 **Free Time**
- 10:30 **Curfew**

Friday, November 2, 2018

- 7:15-8:15am **Breakfast** – Clover Café
- 8:30-9:30 **Team Design Challenge**
- DIY American Ninja Warrior
- 9:30-10:30 **HughesNet STEM Lab Showcase**
- *Featuring Cassandra Ivey, 2018 Youth in Action Award Winner*
- 10:30-12:00 **National Youth Science Day Showcase and Panel**
- *Curtis Ullerich, Google Software Engineer and 4-H Alum*
 - *Krishna Samavedam, HughesNet Senior Principal Engineer*
 - *Kyle Waddle, Corteva Global Chief Information Security Officer*
- 12:00-1:00 **Lunch** – Clover Café
- 1:00-6:30 **Site Visits**
- National Building Museum
 - American History Museum Innovation Lab and Exhibit
- 6:30-7:30 **Dinner** – Clover Café
- 7:30-9:30 **Escape Room**
- 9:30-10:30 **Free Time**
- 11:00 **Curfew**

Saturday, November 3, 2018

- 7:30-8:30am **Breakfast** – Clover Café
- 8:30-9:30 **National Inventors Hall of Fame Workshop**
- *Presented by the U.S. Patent and Trademark Office*
- 9:50-10:50 **Maker Breakout # 1**
- Adafruit Circuit Playground*
 - Makey Makey Code Challenge UT 4-H*
 - Play as Learning: The Game of Village*
 - Forming a STEM Leadership Team*
- 11:00-11:50 **Maker Breakout # 2**
- Adafruit Circuit Playground*
 - Play as Learning: The Game of Village*
 - Forming a STEM Leadership Team*

Makey Makey Code Challenge UT 4-H

- 12:00-1:00 **Lunch** – Clover Café
- 1:15-2:15 **Design Challenge Frog Design Challenge**
- 2:30-3:20 **Maker Breakout # 3**
Quick Maker Textile Projects
Circuit Playground Express Soil Moisture Sensor WV 4-H
Computer Science Olympics CA 4-H
One for the Gripper, “Robotic” Arm Challenge KY 4-H
- 3:30-4:20 **Maker Panel**
- 4:30-5:20 **Maker Breakout # 4**
Circuit Playground Express Soil Moisture Sensor WV 4-H
Computer Science Olympics CA 4-H
One for the Gripper, “Robotic” Arm Challenge KY 4-H
Quick Maker Textile Projects
- 5:30-6:30 **Dinner** – Clover Café
- 6:30-7:30 **Exploring E-Textiles**
 - *Presented by Utah 4-H*
- 7:30-8:00 **Prep for Maker Party**
- 8:00-10:00 **Maker Party**
- 10:00-11:00 **Free Time**
- 11:00 **Curfew**

Sunday, November 4, 2018

- 8:00-8:45am **Breakfast** – Clover Café
- 9:00 **Make a Difference Hackathon**
 - *9:15 – 11 am – Design and Build Prototypes*
 - *11 – 12 pm – Design Showcase*
- 11:45-12:00 **Closing Session and Post Survey**
- 12:15 **Boxed Lunch pick-up**