

MAIN STREET, DOWNTOWN MESA, ARIZONA

MARCH 12, 2016, NOON - 7 PM

Southwest maker fest

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Read below to see what kinds of activities are happening at the 2015 SWMF!

2015 PROGRAM

This information is subject to change, so please check back often

Main Stage - Intersection of MacDonald and Pepper Pl., Mesa, AZ 85201

Noon-1:00 [Bent Self](#) and [Chuck Wan](#)

1:15-1:45 [Zach O'Meara](#)

2:15-2:45 [Welcome to 76th Street](#)

3:00-3:30 [Taylor Made Reggae](#) and [Clay Zapian](#)

3:30-4:00 [Gabe Kubanda](#) and [Taylor Jensen](#)

4:00-4:30 [Far Away Stables](#) and [Kalab Wood](#)

5:00-6:40 [Breakaway Band](#)
(& Mourning Fyre Processional)

6:40-7:00 [Mourning Fyre](#), Fire Dancers

7:00-7:15 Awards Presentation

Performance Area near Art Cars - Parking Lot on Southeast Corner of MacDonald & Pepper Pl., Mesa, AZ 85201

1:00-1:15 TBA

1:45-2:00 [Tributeart Live!](#)

2:00-2:15 [LORkAS](#) Laptop Orchestra

2:45-3:00 [Tributeart Live!](#)

4:30-4:45 [Tributeart Live!](#)

4:45-5:00 [Tributeart Live!](#)

7:15-8:00 FINALE: [Plasma Phonic](#) and [Stretchin'](#) ([Walter Project](#))

Youth Stage - 130 W Pepper Pl, Mesa, AZ 85201

12:15-12:30 [LORkAS](#) Laptop Orchestra

12:45-1:00 [Lindsay Koebel](#) Flute Duet

1:00-1:30 Open Mic

1:30-2:00 Homes for **Greyhounds** in Need

2:00-2:30 Youth Demonstrations TBA

2:45-3:00 As WE Are

3:15-4:15 Insomniacs

4:45-5:30 **Kriti** Bollywood Dancers

5:45-6:15 Zero Degrees North; **RocknRoll High School**

6:20-6:35 Katelyn Snyder, **RocknRoll High School**

6:40-7:00 KIN, **RocknRoll High School**

HeatSync Labs - 140 W Main St, Mesa, AZ 85201

Register for workshops at Intel and Microchip booths just outside HeatSync Labs. Limit 30; first-come, first-served.

Noon-1:00 INTEL Smart Pet Maker Workshop

1:00-2:00 INTEL Smart Pet Maker Workshop

2:00-3:00 INTEL Smart Pet Maker Workshop

3:00-4:00 Control RGB LEDs with a chipKIT™ Board by Microchip Technology (ages 10-100)

4:00-5:00 Control RGB LEDs with a chipKIT™ Board by Microchip Technology (ages 10-100)

5:00-6:00 Control RGB LEDs with a chipKIT™ Board by Microchip Technology (ages 10-100)

7:00-10:00 Locksync Lock-Picking Workshop

i.d.e.a. Museum West Classroom - 150 W Pepper Pl, Mesa, AZ 85201

Register for workshops at museum front desk; first-come, first-served.

2:30-3:00 **Electric Recreation Vehicle** by Don Eyerman (middle/high school and up, limit 30)

3:00-4:30 TBD

5:00-6:30 Telescope Making (age 8 and up, limit 10)

i.d.e.a. Museum East Classroom - 150 W Pepper Pl, Mesa, AZ 85201

Register for workshops at museum front desk; first-come, first-served.

12:30-1:15 Viking Weaving Styles w/Keri Light (all ages, limit 30)

1:45-2:15 TBA

2:30-3:00

3:45-5:15 Super Fun Prototyping Spectacular by **Micah Lande** (all ages, limit 30)

i.d.e.a. Museum HUB Classroom - 150 W Pepper Pl, Mesa, AZ 85201

Noon-12:30 *Why STEM Education?* East Valley Robotics Academy

12:30-1:00 Make Art Travel Journals Anywhere!

1:00-1:30 Writing Content for Your Website with **Kitty Carlisle** (age 16 and up, limit 20)

1:30-2:00 **CodaKid** Minecraft Mod Design Code-a-thon (ages 6-14, limit 15)

2:30-3:30 Make a Flute with **Lenny Henderson** (all ages, limit 20)

3:45-4:45 Digital Expression with **Pat Pataranutaporn** (mid/high school and up, limit 20)

i.d.e.a. Museum Atrium (all ages) - 150 W Pepper Pl, Mesa, AZ 85201

1:30, 2:30 **Rogue Making** w/ Tenaya Hurst –and 3:30

2:30-6:30 **MACH1 Makerspace** @ Burton Barr Library

All Day **Code Club** Sponsored by Microsoft

Booth Workshops

(Space is limited. Please sign up at each booth.)

1:00-1:30 Plasma Torch Cutting Workshop (The **Collaboratory** Booth, Zone M)

1:30-2:00 Cosplay Portraits – all ages (The **Collaboratory** Booth, Zone M)

2:00 Geekbella presents Jewelry 101 (for 1st graders through teens, Zone F)

2:00-2:30 The Art of Welding (The **Collaboratory** young maker booth Zone A)

2:00-2:30 Fine Art Painting Workshop (The **Collaboratory** Booth, Zone M)

2:30-3:00 The Art of Sewing & Design (The **Collaboratory** Booth, Zone M)

2:30-5:00 **Nebula Vaping**: SWMF Mod Maker Edition (invitation only Zone C)

3:00 Hands-On & History of Weaving Keri Light (Booth, Zone M)

3:00-3:30 Plasma Torch Cutting Workshop (The **Collaboratory** Booth, Zone M)

3:30-4:00 Cosplay Portraits (The **Collaboratory** Booth, Zone M)

4:00 Hands-On & History of Weaving (Keri Light Booth, Zone M)

4:00 Geekbella presents Jewelry 101 (for 1st graders through teens, Zone F)

4:00-4:30 Fine Art Painting Workshop (The **Collaboratory** Booth, Zone M)

4:00-4:30 The Art of Welding (The **Collaboratory** young maker booth Zone A)

4:30-5:00 The Art of Sewing & Design (The **Collaboratory** Booth, Zone M)

5:00 Hands-On & History of Weaving (Keri Light Booth, Zone M)

5:00-5:30 Plasma Torch Cutting Workshop (The **Collaboratory** Booth, Zone M)

5:30-6:00 Cosplay Portraits (The **Collaboratory** Booth, Zone M)

6:00 Geekbella presents Jewelry 101 (for 1st graders through teens, Zone F)

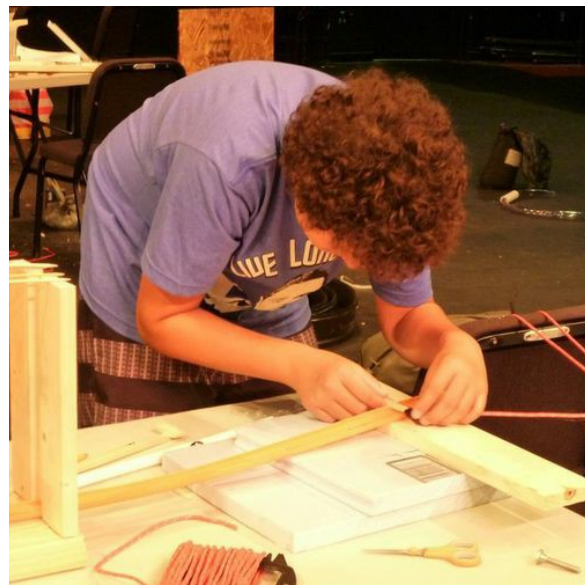
6:00-6:30 Fine Art Painting Workshop (The **Collaboratory** Booth, Zone M)

6:00-6:30 The Art of Welding (The **Collaboratory** Youth Booth, Zone A)

WORKSHOP DESCRIPTIONS

- **CodaKid Minecraft Mod Design Code-a-Thon** : In our workshop, kids ages 6 to 14 will learn the Java programming language while creating original modifications, or "mods," for the award-winning Minecraft game.
- **Code Club Sponsored by Microsoft @ Chandler Mall** : Visit the Arizona Code Club and learn how kids 8-18 have fun and create through coding. Check out some of their best projects and learn how to code!
- **Digital Expression** : Pat is a student in the ASU Digital Culture program and will talk to participants about his program, his inspirations, and how he designed projects including an Interactive Research Workspace, a DIY motion-tracking system called Tracky, a phytoremediation game called *The Green Mission*, as well as science comic books and infographics.
- **ERV = Electric Recreating Vehicle** : I'll describe the premise and design of a project to make sport aircraft that you can fly yourself using electric bicycle frames. I will manufacture frames from a semi-recumbent, long wheelbase, enclosed tadpole tricycle into a tadpole motorcycle and quadricycle with body shell and enclosure tub undercarriage.
- **MACH 1 Makerspace** : We will present ongoing activities offered at our makerspace.

- **Make a Flute** : We'll make a simple flute out of bamboo using minimal tools, like the ancestors of our nation.
- **Make Art Travel Journals Anywhere!** : Make your travel memories last by journaling during your trip! I'll talk about why to make travel journals and what you need. Then, We'll make simple journals together. Lead by Stephanie Liebold of www.travelcraftjournal.com.
- **Control RGB LEDs with a chipKIT™ Board™** by **Microchip Technology (ages 10-100)** : Learn the basics of programming a chipKIT board! ChipKIT is an easy-to-use, open-source hardware and software prototyping platform that is based on Microchip's 32-bit PIC microcontrollers. This platform is similar to, and mostly compatible with, the popular Arduino boards. The target audience is user who are unfamiliar with embedded systems and want to create interactive electronic applications.
- **Nebula SWMF Mod Maker Edition** : Panel discussion (not open to the public); members must apply, be screened, and sign an NDA before they participate.
- **Nerding.org** : Become an inventor! Using the Makey Makey, we will turn everyday objects into tools to interface with our computers. I will bring computers, Makey Makeys, and some fun conductive items so participants can make and play a banana piano, play-doh Mario, or even gummy bear Flappy Bird!
- **Rogue Making** : Rogue Making offers maker workshops to kids and adults all over the U.S. and is based in San Jose, CA. Tenaya Hurst can teach you soldering, programming, and sewing with electronics.
- **Super Fun Prototyping Spectacular (Workshop @ idea Museum)** : High-flying paper engineering, death-defying rapid prototyping and out-of-this-world, low-cost tools and strategies will take your brilliant ideas and make them amazingly physical, tangible, and insta-ready for feedback. A hands-on introduction to design thinking, creative problem solving, and making. Presented by Dr. Micah Lande from ASU's The Art of Invention Summer Camps.
- **Telescope Making** : Local astronomy enthusiast Michael Prator will lead kids in making simple telescopes to learn about the magic of optics and the principals of telescopic.
- **Viking Weaving Styles** : Try stick, Lucet, and other styles of Norse/Viking weaving and embroidery of the medieval time period.
- **Writing Content for Your Website** : Grammatical Activist Kitty Carlisle will explain the importance of adding fresh content, including writing for SEO, and easy ways to accomplish this. Even if you're having a hard time just starting to blog, I can offer tips on how to do so.



Workshops



Share With Us!

We're actively seeking out and openly inviting all creative minds to come and share with us. All kinds of workshops are welcome. Whatever you are passionate about, this is the chance to share it with the community.

Learn!

Attendees of all ages and backgrounds are encouraged and invited to participate in a variety of workshops. Our hope is to inspire you to go home and make something awesome!

Talks



Be Heard!

There will be a schedule of talks and presentations from members of the community. All are invited to apply to give a talk. Got a fantastic organization or process you're excited about? Well now you can share it with a strong community of makers, artists, creators, educators, and all around thinkers!

Be Inspired!

Part of being an all inclusive event means that there will be something for everyone. You can listen to amazing talks on subjects you love. Or you can check out a talk on something you never heard of and end up finding an unexpected passion!

Demos



Show and Tell!

Got a creative way of doing something? Passionate about working in certain mediums?

Be you beginner or expert, we invite you to apply to give a demo that will let you impart your knowledge to the community.

See and Learn!

Bring the whole family out to see all the amazing things going on in the community. You might just find yourself wanting to become part of it. We can promise that you'll be excited and surprised by whats been going on in your own backyard.

Performances



Express yourself!

Got a crazy instrument made of golf clubs and tire-irons? Do you dance to the motions of a robot? Have you written the next big comedy routine? Whatever it may be, the South West Maker Festival is your stage!

Experience

Wherever you go during the festival, you'll be sure to stumble upon something amazing. It will truly be an unforgettable experience.

Activities



Something for everyone!

As an all ages events with some much to see and do, there will be any activity that appeals to everyone. We hope to provide a number of activities for the youth.

Got an idea?

If there is an activity you or your group would like to share, you can apply as an exhibitor but filling out the application found [here](#).

What to Eat

One of the advantages to having this event in Downtown Mesa is that there are plenty of amazing local restaurants. Main Street has everything from the [best coffee house](#) in the valley to [amazing homestyle meals](#).

Food Trucks & Culinary Artists

We're inviting people who make tasty food to come to South West Maker Festival. Just apply on the exhibitor application page or contact us.



