



3D World Party Camp (UPDATED 7.5.16)

Tuesday–Friday, July 5–8, 9 a.m.–1 p.m.

* On **Tuesday** and **Thursday** the camp group will travel via Madison Metro to Wisconsin Institutes for Discovery for most of the morning. If possible, please plan to pack a lunch on these days, rather than ordering from The Roman Candle, as the campers will be eating lunch at WID. Camper drop-off and pick-up will still take place at Madison Children's Museum on these days.

Camp Instructors:

Sarah Conn MCM Program Specialist

Travis Tangen, Wisconsin Institutes for Discovery Instructor

- **MCM Camp Cell Phone: 608-698-5528.** This is the best way to reach instructors while camp is in session or to leave a message for instructors after hours. This phone will be activated during camp hours only.
- Registration/payment questions: Kelley Rowe, 256-6445, ext. 156, registration@madisonchildrensmuseum.org
- 256-6445, ext. 0, MCM administration offices

Tuesday, July 5 (Discovery Building)

- Travel via Madison Metro to the Discovery Building (please bring a lunch)
- Introduction to 3D Printing
- 3D printing & design to support art-making and animal care
- Create a stamp, embossing tool, or clay texturizer for the Art Studio
- Create a name tag that can be 3D printed

Wednesday, July 6

- 3D printing for prototyping and engineering (measurement tools)
- 123d Design, TinkerCad, 3D printing pens
- Physics challenge: Dragon Zip Line prototype

Thursday, July 7 (Discovery Building)

- Travel via Madison Metro to Discovery Building (please bring a lunch)
- Design a creature/dragon rider - using Sculpt, Creature, & Sculpt+
- Tour Fab Lab
- Virtual Reality experience
- Creation with recycled materials, 3d pen fabricated materials, laser cut materials, etc.
- *Final Projects:* Use any of the tools explored to create your own masterpiece

Friday, July 8

- Google Cardboard, Virtual Reality Apps & Sketchfab
- *Final Projects:* Use any of the tools explored to complete the dragon zip line challenge
- Take home: Dragon
- Show & tell with parents, 12:30 p.m., Celebrations Room (floor 2)