



# MAKING & LEARNING

A free, 3-day workshop for librarians, educators,  
community leaders, and more

HOUGHTON LAKE PUBLIC LIBRARY

WED., JUNE 15 - FRI., JUNE 17, 2016

9:30 - 4:30pm

*Register at*  
[makinglibraries.si.umich.edu/road-trip](http://makinglibraries.si.umich.edu/road-trip)

Looking to add open-ended, hands-on learning to the youth in your school, library, community center, troop, or civic group? The maker movement offers youth the opportunity to explore the intersection of STEM, technology, design, aesthetics, creativity, and prototyping. In this workshop, you'll become immersed in exploring the facets of the maker movement. Over the course of three days, you will meet fellow maker mentors, examine multiple possible entry points for developing or refining your maker program, identify pathways for discovering maker and community needs, design and explore possible programming ideas for formal and informal learning, and grapple with how to mesh together open-endedness assessing them fairly. You'll engage in a variety of hands-on activities, from creating with recycled materials to 3D printing and modeling, robots to LED bulbs, so you can test out multiple materials and tools to see which fit your community best. You'll come away with concrete ideas you can use to build or enhance making for the youth in your community. Unique to this location will be a drone demonstration, a discussion of maker kits available through the Mid-Michigan Library League, a visit from the Saginaw Valley State University STEM Mobile Lab, and a discussion of Houghton Lake's Minecraft/Perler club. SCECHs available; lunch is on your own.

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