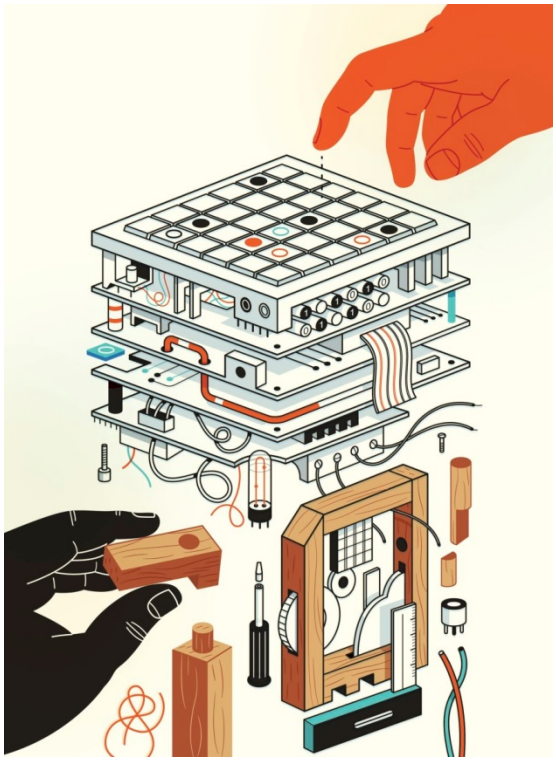
STATE LIBRARY OF PENNSYLVANIA presents MakerEd!

Maker Corps at Lighthouse

In 2016, the State Library of Pennsylvania applied on behalf of itself and any public library willing to partner with us to become part of the MakerEd Corps. We were accepted, and will be sharing program resources and information with libraries across the state that wish to participate in STEM programming for the summer of 2017! Your child can participate at the State Library in Harrisburg. We are also offering professional development classes to teachers and librarians in the Makerspace. Act 48 credits are available for these programs.



What is the Library's Makerspace?

A Library's MakerSpace is a place for kids and patrons to experiment with technology. Ours contains computers with Autodesk and coding software, several types of robot kits, Raspberry Pi and Ardunio kits, and, of course, 3D printers. Outside of the summer programs, the MakerSpace is open by

appointment for patrons and school groups five days per week, plus the second Saturday of the month.

What can I do at the Makerspace?

The summer program at the State Library of Pennsylvania will have the theme of anatomy and physiology. Students for this program should have an interest in Biology, Medicine, Zoology, or Microbiology, or a willingness to work with someone who does. Programs will take place in the State Library's MakerSpace, which is located on the second floor of the Forum Building in Harrisburg. Class times and dates are below.

All classes are free and open to middle or high school aged students. Registration is easy! Just contact Ellen Shenk at ellshenk@pa.gov or 717-783-5969.

Makerspace Classes

Spring/Summer 2017

DATE	TOPIC	TIME
March 3	SciGirls Connect – Professional Development	8:30 am-5 pm
March 17	Great Molasses Disaster for kids	10-12 am
April 21	Science of Star Wars Professional Development	10-2
May 19	Wildlife Forensics Professional Development	10-3
June 7	Anatomy and Physiology for kids – Skeletal System	10-2

DATE	TOPIC	TIME
June 8	Palaeontology for kids	2-4
June 14	Anatomy and Physiology for kids – Muscular System & Biomechanics	10-2
June 16	Tetrix robotics for kids	10-3
June 19	Open Source Science Professional Development	10-3
June 21	Anatomy and Physiology for kids – Nervous System	10-2
June 28	Anatomy and Physiology for kids – Cardiovascular System & Respiratory System	10-2
July 5	Anatomy and Physiology for kids – Digestive System	10-2
July 6	Microbiology for Kids	10-2
July 10	Viral Outbreak Professional Development	10-3
July 11	Vaccines and Genetics Professional Development	10-3
July 12	Anatomy and Physiology for kids – Cell Specialization & Organs	10-2
July 19	Anatomy and Physiology for kids – Foetal Pig Dissection	10-2
July 20	Viral Outbreak for Kids	10-2
July 26	Anatomy and Physiology for kids – Microbiology	10-2
July 27	Neuroscience for Kids	10-2
August 2	Anatomy and Physiology for kids – Cell Division &	10-2

DATE	TOPIC	TIME
	Cancer	
August 4	Evolution and Anthropology for Kids	10-1
August 7	Homeland Security Professional Development	10-3
August 9	Anatomy and Physiology for kids – Global Health & Epidemics	10-2
August 16	Anatomy and Physiology for kids – Program Wrapup	10-2
September 8th	Microbiology Professional Development	10-3

All classes are at the State Library of Pennsylvania in Room 204, Forum Building, 607 South Drive, Harrisburg, PA 17120

Questions? Contact ellshenk@pa.gov (717)783-5969