

Bryon Lear , Director



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Library Offers STEM Programs for Teens

The Moline Public Library, located at 3210 41st Street in Moline, is proud to share its slate of 2019-20 Project Next Generation (PNG) programming geared to grades 4 through 10. In its 6th year, PNG offers grant funding to libraries to establish after-school training programs that not only provide access to computers, software and various technology devices, but also hires mentors who are crucial to helping students develop self-confidence and pride in their newly acquired skills.

Project Next Generation, an educational technology initiative of Illinois Secretary of State and State Librarian, Jesse White, was established to help educate at-risk students and bridge the digital divide. By providing technology training for students, with limited access to computers, PNG empowers students to succeed academically and eventually as independent, contributing members of society.

Below is a listing of programs scheduled to date. Program updates can be found at <https://molinelibraryteens.wordpress.com/project-next-generation/>.

Beginning LEGO Robotics

Tuesdays, November 12 & 19 and December 3 & 10 @ 6:00 p.m.

This introductory series will teach students in grades 4-10 with little or no previous experience with robotics how to program motorized LEGO robots to perform basic tasks using LEGO Mindstorms EV3 kits. Registration is required. This is a four-part series and attendance at all four sessions is recommended. An advanced series will take place in January.

Tween Sewing Circle

Thursday, November 14 and Monday, November 18 @ 6:00 p.m.

Students in grades 4 through 10 can learn to sew using sewing machines and hand-stitching at the Moline Public Library. Create lap blankets and lap quilts to donate to a nursing home. Learn the basics on November 14 and 18 at 6:00 p.m. Drop back in on November 21, and December 5, 9, and 16 between 5:30 and 7:00 to continue to work on your projects. No registration is required for the drop-in sessions, and students who have not attended the previous sessions are welcome to attend.

LEGO Space Challenge

Tuesdays and Thursdays, January 21, 23, 28, & 30

This advanced series will allow students in grades 4-10 to build on their coding skills to complete various challenges. Registration is required. This is a four-part series and attendance at all four sessions is recommended. An advanced series will take place in January.

Photography Workshop

Thursdays, February 27 and March 5, 12, & 19

This four-part series will teach students in grades 4-10 various aspects of digital photography. Registration is required. This is a four-part series and attendance at all four sessions is recommended.

Music Mashup Workshop

Dates TBD

Students in grades 4-10 will learn how to import and digitally manipulate music clips to create their own unique sounds. This will be a two-part series and attendance at both sessions is recommended.

Dissection Classes

Dates TBD

Students in grades 4-10 can learn about animal science through dissection. There will be a total of three independent sessions. Registration will be required and space will be limited.

Cooking Classes

Dates TBD

Students in grades 4-10 can learn about food safety and nutrition and prepare an entire meal to enjoy. There will be a total of three independent sessions. Registration will be required and space will be limited.

Animal Programs with Niabi Zoo

Dates TBD

Students in grades 4-10 can interact with live animals while learning about their habitats, diet, adaptations, and behavior during a visit from Niabi Zoo. There will be two independent sessions. Registration will be required and space will be limited.

These programs are developed pursuant to a Library Services and Technology Act grant administered by the Illinois State Library using funds provided by the U.S. Institute of Museum and Library Services. For more information, or to register, contact the Moline Public Library at 309-524-2470 or visit us at 3210 41st Street, Moline, IL or online at <http://www.molinelibrary.com>.

The Moline Public Library serves the residents of Moline, Illinois, and surrounding areas. Its mission is to inspire lifelong learning, create community and transform lives with quality programs and services.

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