

STEAM event for girls

AAUW and Venice Library co-partnership Nov 2, 2013



Flipbooks Technology project

Zoomy microscopes Science project

Golden Ratio Art project

Chances are...Math project

Our event was co-sponsored by our local library, the perfect location, familiar to girls and parents. Librarians are excellent partners.

November 2, 2013
Science Technology Engineering Art Math
STEAM
 Zoomy Microscopes
 Computer Flipbooks
 LEGO® Balloon Car
 Golden Ratio
 Chances Are...dice game
 Sarasota County
 scgov.net/library
 American Association of University Women
 AAUW
 http://venice.aaunet.net

WEEKEND EDITION - OCTOBER 26, 2013

SUN NEWSPAPERS 5B

Girls STEM event planned for Nov. 2

Registration is open to girls ages 9-12

FROM AMERICAN ASSOCIATION OF UNIVERSITY WOMEN

About 30 girls will be able to explore five fun 20-minute projects at Venice Public Library Nov. 2 from 10 a.m. to 12:30 p.m.

The projects will cover the fields of science, technology, engineering, art and math (S.T.E.A.M.). The event is normally called "STEM," but adding "A" for Art to turn STEM into STEAM was Maurer's idea. She will lead the "Golden Ratio" art project.

AAUW volunteers will bring unique projects, such as "Zoomy" electronic microscopes which hook up to laptop computers and allow girls to see much closer views of natural subjects, such as butterflies and other insects.

The engineering project entails a Lego balloon-powered car that starts out as Lego pieces. Girls build a car in under 20 minutes and race them to see whose car goes farthest.

A fun math game is played with big dice, and girls learn how probability can help them make intelligent decisions instead of guessing.

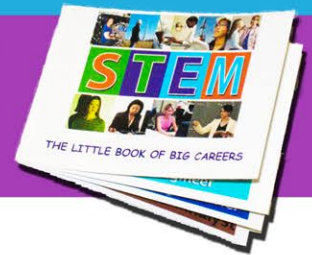
Librarian Pam Johnson is leading a new technology project in the computer lab where girls create a computer-animated flip-book. She and other librarians are going in on their day off to sponsor the event.

"We just think it's so important to have this fun event for girls at our library and don't mind giving up our Saturday morning to do it," Johnson said. "We're pretty excited about having it and many parents and girls are really interested in it. The Friends of the Venice Library provided full funding for our refreshments and prizes."



AAUW Venice FL Branch members, librarians and teen volunteers hosted 22 girls who spent the morning exploring projects in Science, Technology, Engineering, Art and Math.

Each girl got a STEM "bookie" wallet-size 20 page book of in-demand STEM careers with a weblink to more information about education needed, salary and job prospects



Venice Sun Gondolier Nov 13, 2013

Girls get 'steamed' up on learning



PHOTO COURTESY OF AMERICAN ASSOCIATION OF UNIVERSITY WOMEN

American Association of University Women volunteer Kay Novotny lent her laptop computer and a Zoomy electronic microscope so girls could explore the Science project and examine macro images of insects including butterflies, moths and dragonflies at a STEAM (Science, Technology, Engineering, Art and Math) project at Venice Public Library Nov. 2 for 22 girls ages 9-12.