LEGO Robotics

Lafourche Public Library, Lockport Branch

Children

|

Young Adult

LEGO Robotics

May 19, 2015

$1,001-2,500

$$$
Byline

Lynette Fazzio, Programming Administrator, Lafourche Parish Public Library, Thibodaux, La.

Children ages 8 to 18 are invited to work as young scientists, engineers, and mathematicians to build and program machines using the LEGO Robotics WeDo Activity Pack. Space is limited, so registration is required.

Advanced Planning

Our goals for the program were to engage older children and young adults in STEM activities by building and programming machines. LEGO Robotics kits and software were ordered six months prior to the first activity. Three staff members learned to use the program materials and then assisted with the first program at each of the three branches.

Marketing

LEGO Robotics events are promoted with calendars, fliers, social media, radio, local newspapers, free community magazines and the library newsletter.

Budgeting

We purchased kits, software and an activity guide for this series. To save on the amount of kits and software needed, programs can be conducted with two people per computer.

Day-of-event Activity

Set-up primarily consists of ensuring that the software is installed on the computers and that the machine hubs are plugged into USB ports. For our library system, the LEGO Robotics kits are rotated among three library branches through courier. Additionally, special programs are sometimes scheduled at smaller satellite branches, by staff request.

Program Execution

LEGO Robotics programs fill to capacity as soon as they are advertised. Participants call in to register and can sign up for future events during the programs. Parents,

grandparents and teachers can attend to watch and participate with children.

Advice

Our advice to allow time for, and encourage, participants to experiment and engineer their own machine designs.

Did you try this program at your library? Share your experience using this form.

Supporting Materials

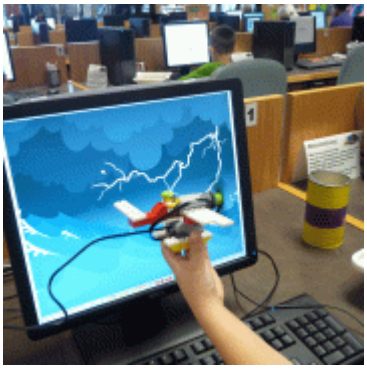
Download this Program as a PDF

- Programming Librarian Facebook Group

Slideshow Images







More Programs

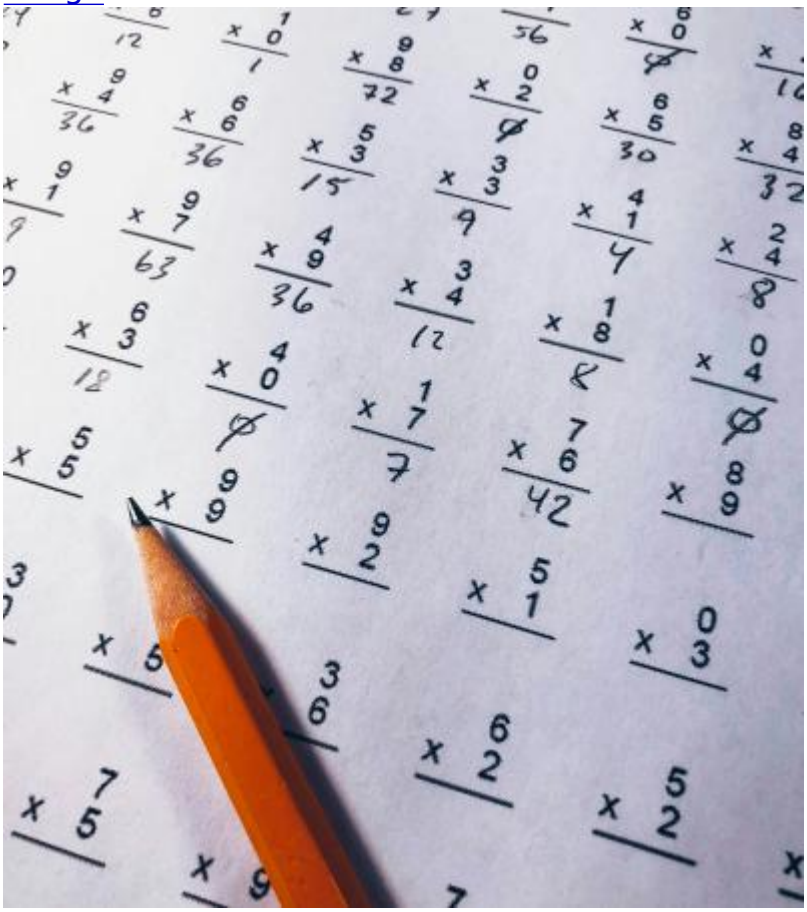
Aug 7, 2014
Children (9 and under)+ |
Image



Connecting Girls with STEM Resources

Audiences:

Audience
Children (9 and under)
Young Adult (17 - 20)
Jun 2, 2014
Children (9 and under)+ |
Image



Bedtime Math Foundation New Math Club

Audiences:

Audience
Children (9 and under)
Jul 20, 2010
Children (9 and under)+ |
Image



Science in the Summer

Audiences:

Audience
Children (9 and under)