

# How Your Library Can Celebrate “Lights on Afterschool”

**August 16, 2018**

**Presenters: Brooks Mitchell and Dan Gilbert**

The webinar will begin at 1:00 p.m. (MT) and will be recorded.

While you're waiting:

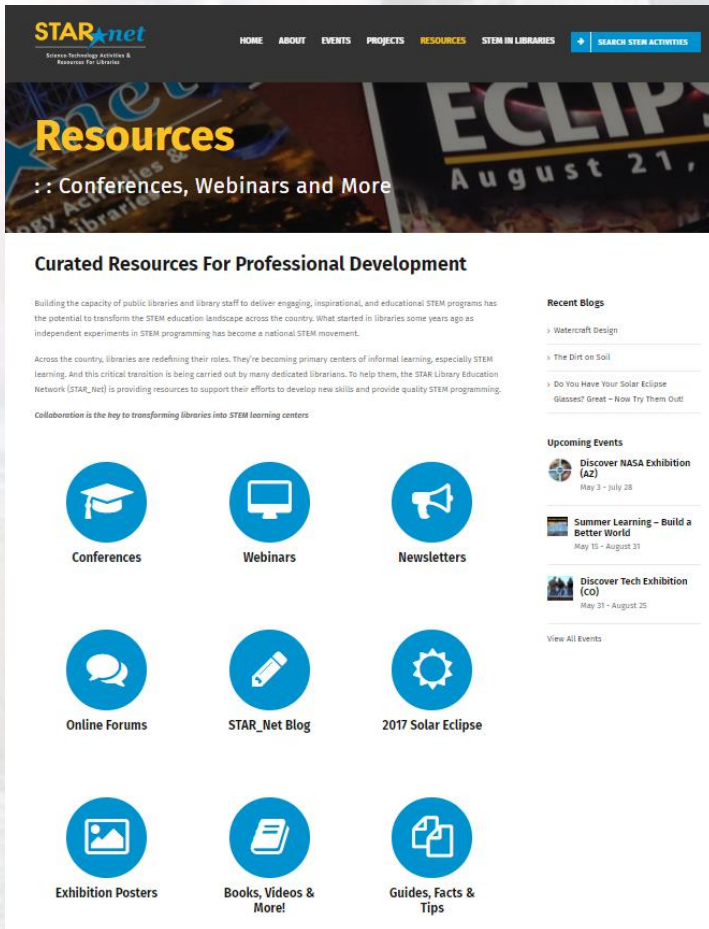
- 1) Introduce yourself in the chat box and answer our poll question
- 2) Click audio “Join by Computer” – you won’t have microphone access
- 3) On the bottom toolbar, click on “Chat” and “Q&A”

# Today's Agenda

- Introduction and Reminders
- Lights on Afterschool – Part 1
- Afterschool STEM
- Lights on Afterschool – Part 2
- Q&A



# Join STAR Net!



**STARnet**  
Science-Technology Activities &  
Resources For Libraries

HOME ABOUT EVENTS PROJECTS RESOURCES STEM IN LIBRARIES SEARCH STEM ACTIVITIES

## Resources

:: Conferences, Webinars and More

### Curated Resources For Professional Development

Building the capacity of public libraries and library staff to deliver engaging, inspirational, and educational STEM programs has the potential to transform the STEM education landscape across the country. What started in libraries some years ago as independent experiments in STEM programming has become a national STEM movement.

Across the country, libraries are redefining their roles. They're becoming primary centers of informal learning, especially STEM learning. And this critical transition is being carried out by many dedicated librarians. To help them, the STAR Library Education Network (STAR\_net) is providing resources to support their efforts to develop new skills and provide quality STEM programming.

Collaboration is the key to transforming libraries into STEM learning centers

- Conferences
- Webinars
- Newsletters
- Online Forums
- STAR\_Net Blog
- 2017 Solar Eclipse
- Exhibition Posters
- Books, Videos & More!
- Guides, Facts & Tips

#### Recent Blogs

- Watercraft Design
- The Dirt on Soil
- Do You Have Your Solar Eclipse Glasses? Great - Now Try Them Out!

#### Upcoming Events

- Discover NASA Exhibition (AZ)  
May 3 - July 28
- Summer Learning - Build a Better World  
May 15 - August 31
- Discover Tech Exhibition (CO)  
May 31 - August 25

View All Events

Professional development resources, including webinars, newsletters, blogs, forums, videos, and much more!

# Upcoming Webinars

[www.starnetlibraries.org/resources/webinars/](http://www.starnetlibraries.org/resources/webinars/)

- **Join an International Lunar Celebration!**

- Thursday, September 6, 2018 at 4:00 p.m. (EDT), 3:00 p.m. (CDT), 2:00 p.m. (MDT), 1:00 p.m. (PDT)

- **Out-of-this-World Engineering**

- Wednesday, September 26, 2018 at 4:00 p.m. (EDT), 3:00 p.m. (CDT), 2:00 p.m. (MDT), 1:00 p.m. (PDT)



# Upcoming Conferences

- **Association of Rural and Small Libraries**
  - **9/13-9/15**
- **Colorado Association of Libraries**
  - **9/13-9/15**
- **Association of Science and Tech Centers**
  - **9/29 – 10/2**
- **YALSA**
  - **11/2 – 11/4**

# STEM ACTIVITY Clearinghouse

For example:  
[DIY Sun Cookies](#)

STEM Activity Clearinghouse

Search

STARnet Science-Technology Activities & Resources For Libraries

Cornerstones of Science awakening curiosity, enriching lives

Collections 2017 Total Solar Eclipse

ATTRIBUTES

2017 TOTAL SOLAR ECLIPSE

There are 7 items.

Showing 1 - 7 of 7 items

Content Area

- ☐ Earth Science (0)
- ☐ Astronomy and Space (0)
- ☐ Chemistry (0)
- ☐ Physics (0)
- ☐ Engineering (0)
- ☐ Mathematics (0)
- ☐ Technology and Computing (0)
- ☐ Health Science (0)

Age Group

- ☐ Family (0)
- ☐ Infant (0-2) (0)
- ☐ Pre-K (0)
- ☐ Early Elementary (0)
- ☐ Upper Elementary (0)
- ☐ Tweens (9-12) (0)
- ☐ Teens (0)
- ☐ Adults (0)

Time to Complete Activity

- ☐ Under 10 minutes (0)
- ☐ 10-20 minutes (0)
- ☐ 20-40 minutes (0)
- ☐ 40 minutes to 1 hour (0)
- ☐ 1-2 hours (0)
- ☐ 2-4 hours (0)
- ☐ Long Duration (days to months) (0)

How Big, How Far, How Hot, How Old?

This is an activity about scale. Participants will arrange imagery of Earth and many other space objects in order of their size from smallest to largest, their distance from Earth's surface, their temperature from coolest to hottest, and/or their age from youngest to oldest.

[Open Activity](#) [Report broken link](#)

Content Area

- Earth Science
- Astronomy and Space

Age Group

- Family
- Upper Elementary
- Tweens (9-12)

Time to Complete Activity

10-20 minutes

Difficulty Level (by content)

Medium

[View Details](#)

How Can the Little Moon Hide the Giant Sun?

This is an activity exploring the concept that distance affects how we perceive an object's size, specifically pertaining to the size of the Sun and the Moon as seen from Earth.

[Open Activity](#) [Report broken link](#)

Content Area

- Earth Science
- Astronomy and Space

Age Group

- Early Elementary
- Upper Elementary

Time to Complete Activity

40 minutes to 1 hour

Difficulty Level (by content)

Easy



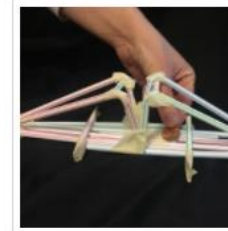
Like an activity and think other library staff should know how great it is? Didn't like an activity or have modifications to make it better? **Make sure to leave a review!**



# Bringing STEM Home

- STEM Activity Clearinghouse Family Guides are a great way to send STEM into the homes of patrons

- [Daylight in a Bottle](#)
- [Edible Destruction](#)
- [Make Your Own Zipline](#)
- [Balloon Rockets](#)



## Build a Straw Bridge

★★★★☆ 1 Review(s)

Using tape and no more than 20 straws, design a bridge that can span a gap of about 1 foot (at least 25 cm) and support as many pennies as possible.

[Open Activity](#)

[How-to Video](#)

Hints for use in your library: This activity is adaptable and can be done with other materials that you have on hand, like uncooked spaghetti noodles.

[Family Guide](#)

Content Area  
Engineering

Age Group  
Upper Elementary  
Twins (9-12)  
Teens

Time to Complete Activity  
20-40 minutes

Cost associated with Activity  
Materials  
\$5-\$10

Difficulty Level (by content)  
Easy

[View Details](#)



## Strong Paper Structure

Build a newspaper structure that is strong enough to hold heavy books.

[Open Activity](#)

[How-to Video](#)

[Family Guide](#)

Content Area  
Engineering

Age Group  
Family  
Upper Elementary  
Twins (9-12)  
Teens

Time to Complete Activity  
20-40 minutes  
40 minutes to 1 hour

Cost associated with Activity  
Materials  
\$1-\$5

Difficulty Level (by content)  
Easy

[View Details](#)



## Strongest Shapes

★★★★☆ 1 Review(s)

Using index cards and only one shape in your design, build a bridge that can support the weight of one die-cast toy car across an 8-inch span.

[Open Activity](#)

[How-to Video](#)

[Family Guide](#)

Content Area  
Engineering

Age Group  
Family  
Early Elementary  
Upper Elementary

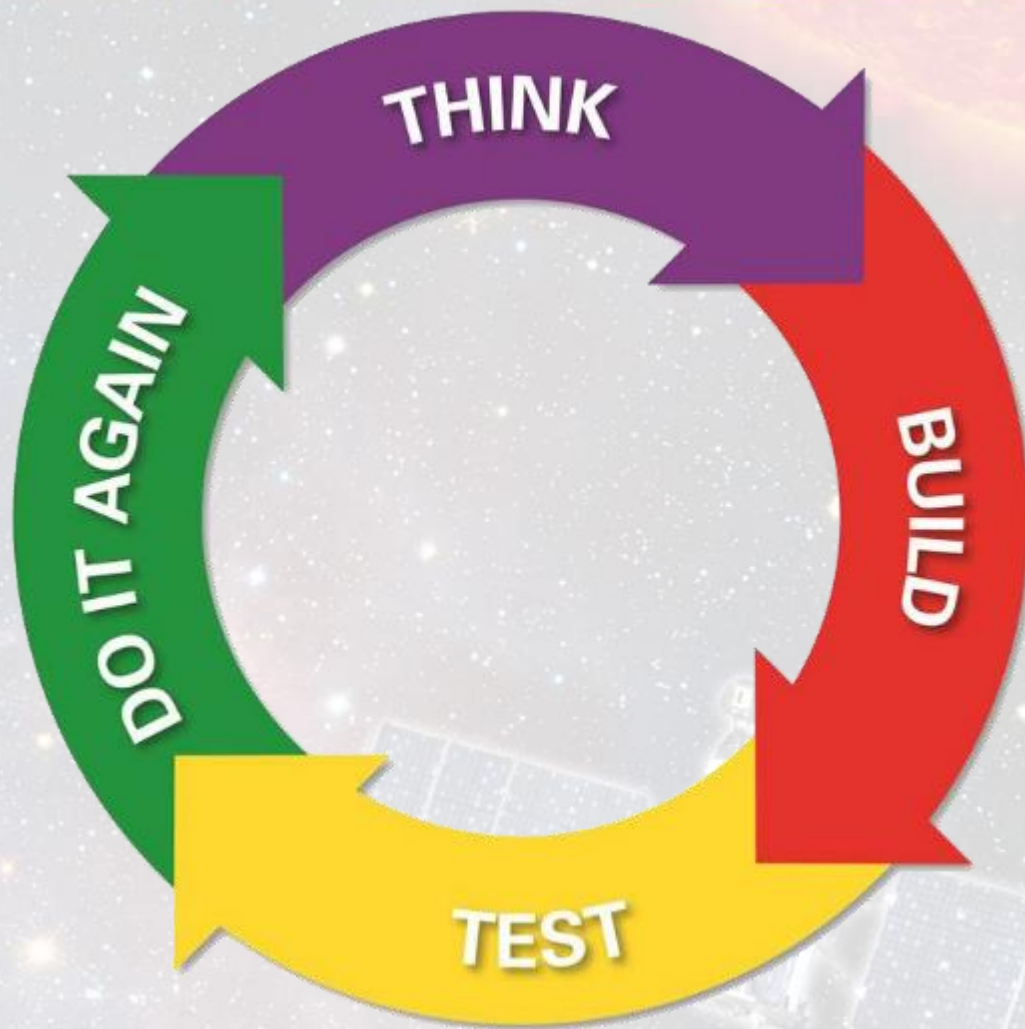
Time to Complete Activity  
10-20 minutes

Cost associated with Activity  
Materials  
\$1-\$5

Difficulty Level (by content)  
Easy

[View Details](#)

# Engineering Design Process





# Thank you!

*STAR\_Net*

[www.starnetlibraries.org](http://www.starnetlibraries.org)

[www.facebook.com/STARLibraries](https://www.facebook.com/STARLibraries)

[twitter.com/STARNet\\_Project](https://twitter.com/STARNet_Project)

# *Lights On Afterschool:*

**Celebrating Educators  
throughout the Community**



**Afterschool Alliance**





**Dan Gilbert**

*Project Manager*

*Afterschool Alliance*

*[DGilbert@AfterschoolAlliance.org](mailto:DGilbert@AfterschoolAlliance.org)*

# Lights On Afterschool

*Lights On Afterschool*  
is a chance to  
celebrate what  
afterschool programs  
do to help families  
and communities.



From Afterschool to

Bright Futures

**LIGHTS ON AFTERSCHOOL**  
2018 Rally for Afterschool Programs

Place or write event information here



Afterschool Alliance



@afterschool4all  
#LightsOnAfterschool  
facebook.com/afterschoolalliance



Event Sponsor peachjar







# Library and afterschool partnerships

How afterschool providers are working  
together with public libraries

Photo courtesy of Ypsilanti District Library, Michigan

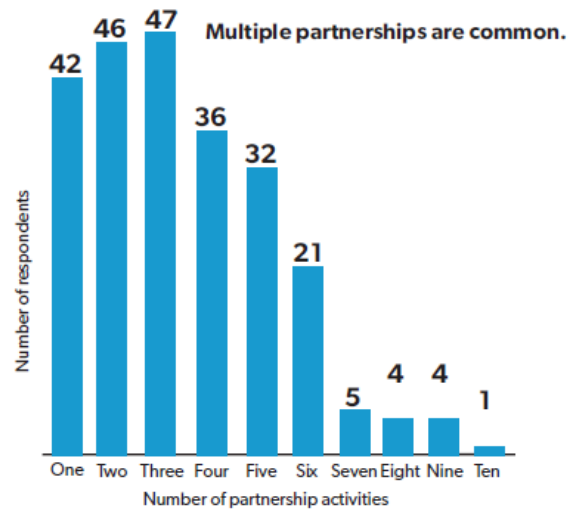
# 74%

of afterschool programs  
have worked with a  
public library before



## Percentage of respondents with experience in different partnership types

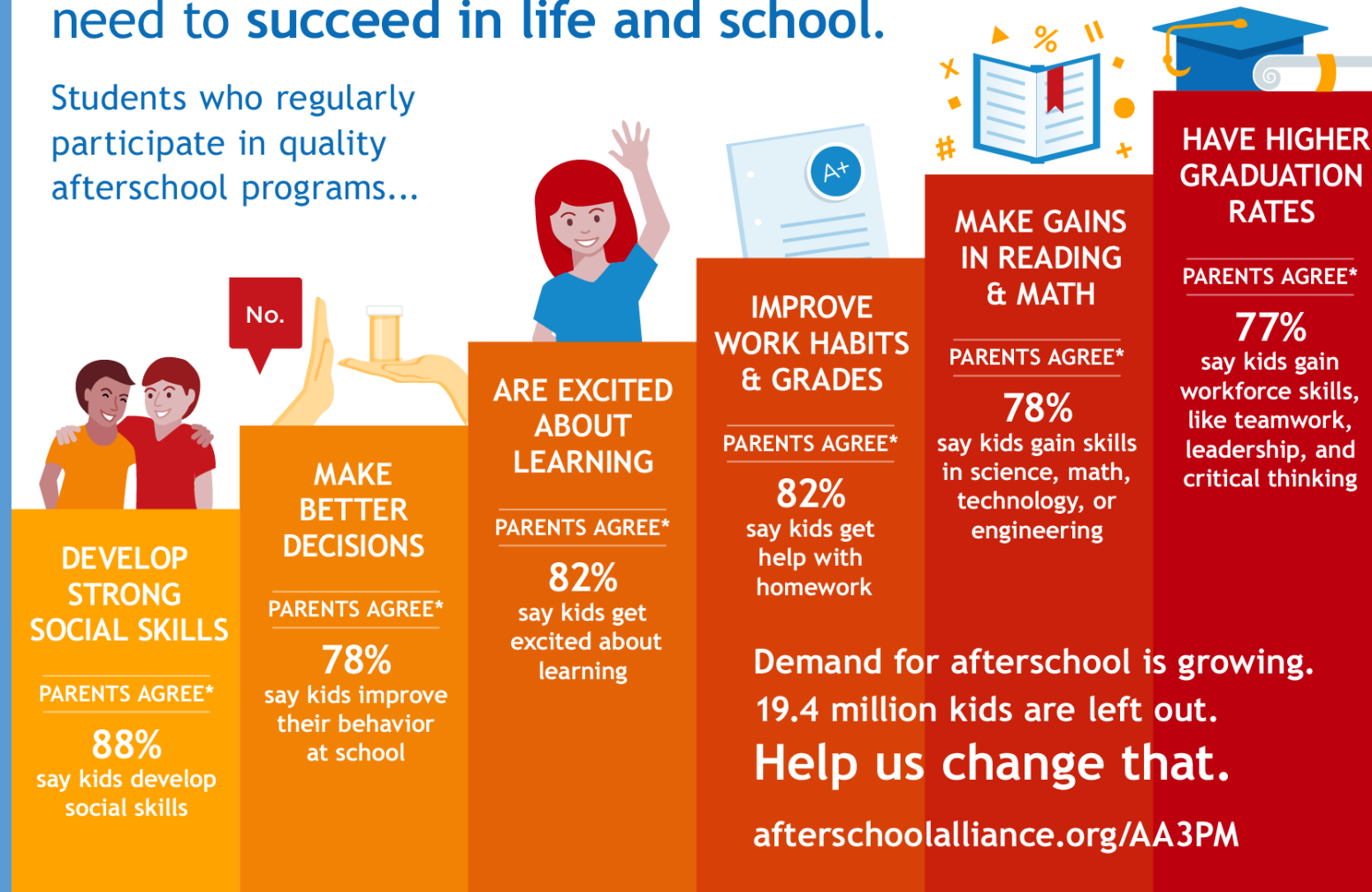
Summer reading or learning initiative	65%
Library visit (e.g. to check out books, use computers, see an exhibit, etc.)	58%
Special events (such as a family night, Maker Faire, or other themed event)	48%
Librarian outreach	43%
Visited library for an education program	41%
Science, technology, engineering or math (STEM) education	29%
Book share or donation	25%
Curriculum development or support (any topic)	18%
Professional development (library staff training afterschool educators)	11%
Other	5%





# Afterschool provides the building blocks kids need to succeed in life and school.

Students who regularly participate in quality afterschool programs...



\*Among parents with kids in afterschool programs

Sources:

<http://afterschoolalliance.org/AA3PM>

[http://researchgate.net/publication/42346373\\_A\\_Meta-Analysis\\_of\\_After-School\\_Programs\\_That\\_Seek\\_to\\_Promote\\_Personal\\_and\\_Social\\_Skills\\_in\\_Children\\_and\\_Adolescents](http://researchgate.net/publication/42346373_A_Meta-Analysis_of_After-School_Programs_That_Seek_to_Promote_Personal_and_Social_Skills_in_Children_and_Adolescents)

[http://educarefoundation.com/wp-eduent/uploads/EduCare-Foundation\\_HS\\_2010-2011.pdf](http://educarefoundation.com/wp-eduent/uploads/EduCare-Foundation_HS_2010-2011.pdf)

[www.ride.ri.gov/Portals/0/Uploads/Documents/Students-and-Families-Great-Schools/Educational-Programming/21stCCLCs/RI21stCCLC-Impact-Report-2011-12.pdf](http://www.ride.ri.gov/Portals/0/Uploads/Documents/Students-and-Families-Great-Schools/Educational-Programming/21stCCLCs/RI21stCCLC-Impact-Report-2011-12.pdf)

[www.policystudies.com/studies/?id=32](http://www.policystudies.com/studies/?id=32)

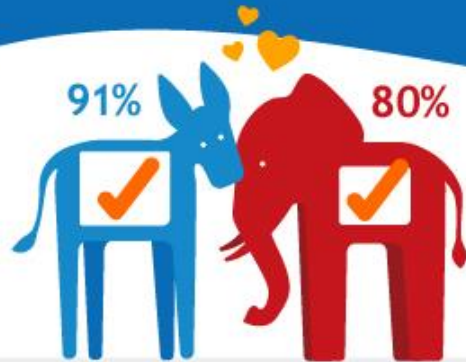
[http://expandinglearning.org/research/vandell/resources/AERA\\_Promising\\_Programs\\_FINAL.pdf](http://expandinglearning.org/research/vandell/resources/AERA_Promising_Programs_FINAL.pdf)

[www.tea.state.tx.us/index2.aspx?id=3546&menu\\_id=814](http://www.tea.state.tx.us/index2.aspx?id=3546&menu_id=814)

[www.k12.wa.us/21stCenturyLearning/pubdocs/14-1167WA21CCLCFinalYear2Report-ed.pdf](http://www.k12.wa.us/21stCenturyLearning/pubdocs/14-1167WA21CCLCFinalYear2Report-ed.pdf)

## SUPPORT FOR AFTERSCHOOL PROGRAMS IS STRONG

More than  
**8 in 10**  
parents with kids in afterschool  
programs agree that  
the programs help working  
parents keep their jobs.



**84%**  
of parents support public  
funding of these programs.



[www.afterschoolalliance.org/aa3pm](http://www.afterschoolalliance.org/aa3pm)

Source: America After 3PM: Afterschool Programs in Demand, 2014.

## PARENTS ARE SATISFIED WITH AFTERSCHOOL PROGRAMS

**89%** of parents with a child in  
an afterschool program  
are satisfied overall.

An overwhelming percentage of parents  
are satisfied with...



QUALITY OF CARE



SAFETY



EXCITEMENT ABOUT LEARNING



CRITICAL THINKING



[www.afterschoolalliance.org/aa3pm](http://www.afterschoolalliance.org/aa3pm)

Source: America After 3PM: Afterschool Programs in Demand, 2014.



## DEMAND IS HIGH FOR AFTERSCHOOL PROGRAMS

More youth than ever before—

# 10.2 million

—are in afterschool programs.

For every child  
in a program,



2 are waiting to get in.



[www.afterschoolalliance.org/aa3pm](http://www.afterschoolalliance.org/aa3pm)

Source: *America After 3PM: Afterschool Programs in Demand*, 2014.

## PROVIDING OPPORTUNITIES TO LEARN

### 4.5 million kids

from lower-income  
families attend  
afterschool programs.



### 9.7 million MORE

would take part if  
programs were available.



By 6th grade, middle class kids have spent  
**4,000+ more hours** in afterschool and summer  
learning opportunities than low-income students.



Learn more at [www.afterschoolalliance.org/AA3PM](http://www.afterschoolalliance.org/AA3PM)

<http://afterschoolalliance.org/AA3PM>

[www.expandedschools.org/sites/default/files/tasc\\_6000-hours-infographic.pdf](http://www.expandedschools.org/sites/default/files/tasc_6000-hours-infographic.pdf)

## DEMAND FOR STEM SKILLS IS GROWING...

...because jobs related to science, technology, engineering and math (STEM) are driving global economic growth.

STEM jobs will grow  
**1.5 times faster**  
than other jobs

*Growth Projected from 2014-2024*



Over a third of American companies say  
**at least 50% of applicants**  
for entry-level jobs lack basic STEM skills



**SUPPORT AFTERSCHOOL STEM**  
[www.afterschoolalliance.org/aa3pm](http://www.afterschoolalliance.org/aa3pm)

Sources: <http://changetheequation.org/press/ceos-say-skills-gap-threatens-us-economic-future>  
<http://vitalsigns.changetheequation.org/state/united-states/overview>

## AFTERSCHOOL PROGRAMS ARE STEPPING UP...

...to offer **7 million** U.S. kids STEM learning experiences.

**70%**

of parents say afterschool programs  
**should offer STEM.** There is especially  
strong support among groups  
under-represented in STEM fields:

- Hispanic parents: **76%**
- African-American parents: **74%**



**80%**

of parents with kids who participate in  
afterschool STEM programs are **satisfied**  
**with the STEM learning opportunities**



**SUPPORT AFTERSCHOOL STEM**  
[www.afterschoolalliance.org/aa3pm](http://www.afterschoolalliance.org/aa3pm)

Sources: [www.afterschoolalliance.org/AA3PM/STEM.pdf](http://www.afterschoolalliance.org/AA3PM/STEM.pdf)  
[www.nap.edu/openbook.php?record\\_id=12190](http://www.nap.edu/openbook.php?record_id=12190)



# 4-H National Youth Science Day



## LIGHTS ON AFTERSCHOOL

A PROJECT OF THE AFTERSCHOOL ALLIANCE

[About 4-H](#)[Parents](#)[Alumni](#)[4-H Professionals](#)[Get Involved](#)[4-H CONFERENCE CENTER](#)[SHOP 4-H](#)[NEWSLETTER SIGN-UP](#)[DONATE](#)

## 4-H NATIONAL YOUTH SCIENCE DAY

Join us this October for our 11th National Youth Science Day (NYSD) and help kids learn computer science through hands-on fun.

### Order Your *Code Your World* Kit

Over 150,000 kids will learn computer science with NYSD this October. Help us reach our goal by ordering your kit today!

[ORDER NOW](#)

43,260 Kids Will Code This October | 28% to Goal

[CODE YOUR WORLD](#)[ABOUT NYSD](#)[KIT MATERIALS](#)[MARKETING MATERIALS](#)[PAST CHALLENGES](#)

Afterschool Alliance

# Lights On 101 (cont'd)



## Why should I host a *Lights On Afterschool* event?

- ✓ Call attention to your program's successes
- ✓ For community leaders to see your kids in action
  - ✓ Highlight the need for more resources
- ✓ Start or solidify a relationship with elected officials
  - ✓ Engage private sector and local business
- ✓ Get media coverage and develop media contacts
  - ✓ Nurture new partnerships and funders
- ✓ Build awareness and goodwill in the community
- ✓ Give your children, your staff and parents something to celebrate!





# 3

**EASY STEPS**  
to planning a successful  
*Lights On Afterschool*  
event!





# Step 1: Register!

# 1

# REGISTER!

[Afterschoolalliance.org/loaHostEvent.cfm](https://afterschoolalliance.org/loaHostEvent.cfm)

 MENU

 **LIGHTS ON AFTERSCHOOL**  
OCTOBER 26, 2017

REGISTER


PLAN YOUR EVENT ▾

FIND AN EVENT ▾

ABOUT

## HOST A LIGHTS ON EVENT

Tell us how you plan to celebrate! When you register your event as an official *Lights on Afterschool* celebration, you'll receive an event starter kit, which includes 10 free posters to help you promote your event, and make you eligible for cool prizes each week.



### Contact Info

First	Last
<input type="text"/>	<input type="text"/>
Email	
<input type="text" value="name@example.org"/>	
Title	Role
<input type="text"/>	<input type="text" value="Please Select"/>

### Program Info

Name
<input type="text"/>
Website
<input type="text" value="http://www.example.org"/>





# Step 1: Register!



## 10 Free Posters



Weekly Lights On planning tips  
and tools  
& Weekly prize giveaways

## Be Counted!



Afterschool Alliance

## Step 2

# 2

## Plan Your Event

[Afterschoolalliance.org/loaEventKit.cfm](https://Afterschoolalliance.org/loaEventKit.cfm)





## EVENT PLANNING OVERVIEW

The place to start when planning your event. Brainstorm ideas, learn strategies to make an impact, or view our planning timeline for all the steps that go into any event—from elaborate festivals to simple celebrations.



## WHY KEEP THE LIGHTS ON?



### SUPPORT AFTERSCHOOL PROGRAMS

*Lights On Afterschool* is the only national celebration of afterschool programs. Hosting an event is a great way to inspire support for your program and others across the country.



### INFORM YOUR COMMUNITY

With more than 8,000 events nationwide and 1 million Americans participating annually, *Lights On Afterschool* shines a powerful light on your program's accomplishments for children—through media coverage, attracting policy makers, and more



### ATTRACT VALUABLE SUPPORT

A successful *Lights On Afterschool* event can draft powerful new allies for your afterschool program—including parents, local leaders and funders who can provide much-needed support.





# Step 2: Plan Your Event

<http://www.afterschoolalliance.org/loaEventKit.cfm>

***Our Event Planning Guide has everything you need to:***

- **Help to think about your goals/needs**  
*Get started with the “who, what, when & where”*
- **Showcase youth**  
*Tips on involving youth in planning & celebration*
- **Involve Partners**  
*Use your own or see our list of local supporters*
- **Sample Invitation to policy makers, business leaders and other community leaders!**



# Step 2: Plan Your Event



## Your invitation list:

- ✓ Youth & parents
- ✓ Policymakers and elected officials
  - ✓ School staff
  - ✓ Business leaders
- ✓ Community organizations
  - ✓ Media
- ✓ Local celebrities - radio host, TV news personalities, local athletes





# When & Where?



## When?

Regular afterschool hours

Evening for maximum parental involvement

Morning for media event

## Where?

School, program site, library

Indoors or outdoors

Museum, city hall, public park

Shopping mall, place of worship, etc.



# Keys to Success

Build event around your **goals**

Make the most of **existing relationships & resources**

Involve **youth & youth voice**

Use *Lights On Afterschool* for **outreach**



Join Us

[facebook.com/afterschoolalliancedc](https://facebook.com/afterschoolalliancedc)



Follow Us

@afterschool4all  
#LightsOnAfterschool



Afterschool Alliance

# Events can be Easy!

1. Decorate light bulb art
2. Host an open house
3. Put on a talent show
4. Plan a STEM Activity





# Engaging Policy Makers

- Invite them to your event
- Site visit
- Ask them to speak
- Give an award
- Proclamations
- Make afterschool an election issue



<http://afterschoolalliance.org/loareachpolicy.cfm>

# Media Coverage



Structure your event with the media in mind—visuals, timing, speakers

Create a media list

Use the media to invite the public to your event

Identify your key messages—and use them constantly!

Make your story appealing

Issue a news release and press kits

Don't stop on Oct. 26!

<http://afterschoolalliance.org/loaMediaMain.cfm>



## Step 3

# 3

# CELEBRATE!





## Lights On Afterschool Resources:

**Afterschool Alliance Website:**

<http://www.afterschoolalliance.org/>

***Lights On Afterschool* Homepage:**

<http://www.afterschoolalliance.org/loa.cfm>

**Register Your Event:**

<http://www.afterschoolalliance.org/loaHostEvent.cfm>

***Lights On Afterschool* Event Planning Kit:**

<http://www.afterschoolalliance.org/loaEventKit.cfm>



# Questions?



Afterschool Alliance