

What's Your Experience?





Science



Technology



Engineering



Math



STEM





W

H

Y

LIBRARIES?

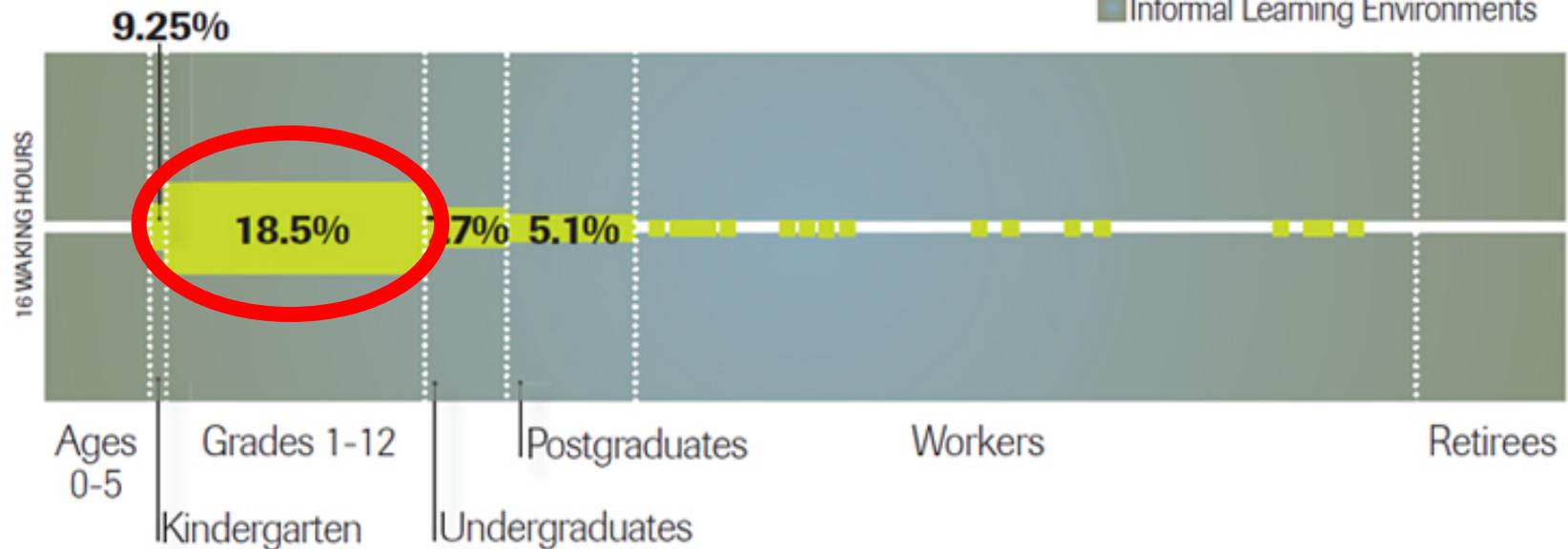


OUT-OF-SCHOOL TIME MATTERS!

LIFELONG LEARNING

A relatively small percentage of waking hours across the life span are spent in formal educational environments.

■ Formal Learning Environments
■ Informal Learning Environments



DEMAND IS HIGH

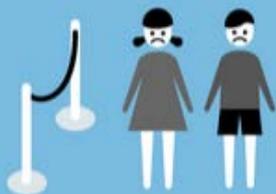
More youth than ever before—

10.2 million

—are in afterschool programs.

For every child
in a program,

2 are waiting to get in.



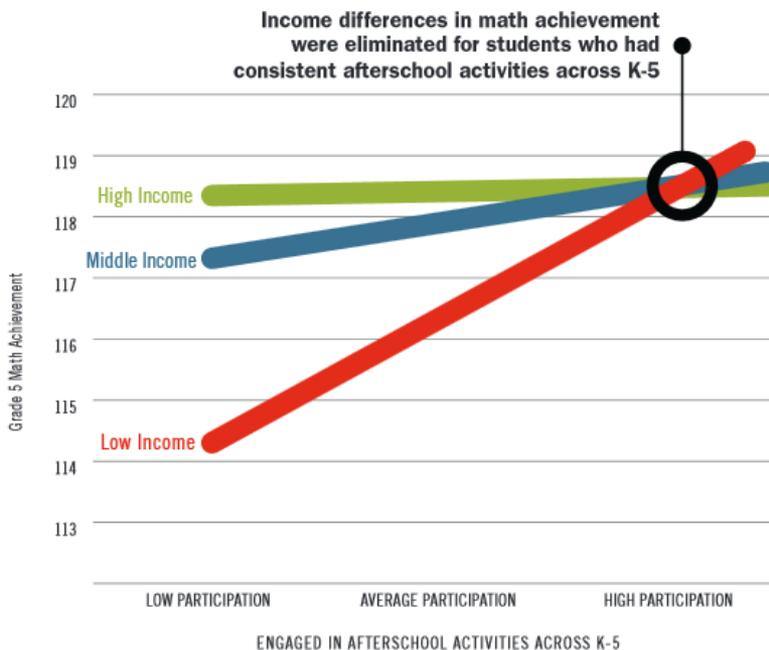
equity

NEW RESEARCH SHOWS

Afterschool Is a Real Solution Linked to Closing the Gap

access

Afterschool Participation Narrows the Math Achievement Gap¹



New research demonstrates that more consistent time spent in afterschool activities during the elementary school years is linked to narrowing the gap in math achievement at grade 5.

What the data indicate:

- » When afterschool participation is highly consistent, there is no gap in low-income and high-income children's math achievement at grade 5
- » The more consistent the afterschool participation, the narrower the gap in math achievement
- » The more rarely students participate in afterschool activities, the wider the achievement gap

1. Pierce, K. M., Auger, A. and Vandell, D. L. (April, 2013). *Narrowing the Achievement Gap: Consistency and Intensity of Structured Activities During Elementary School*. Unpublished paper presented at the Society for Research in Child Development Biennial Meeting, Seattle, WA.

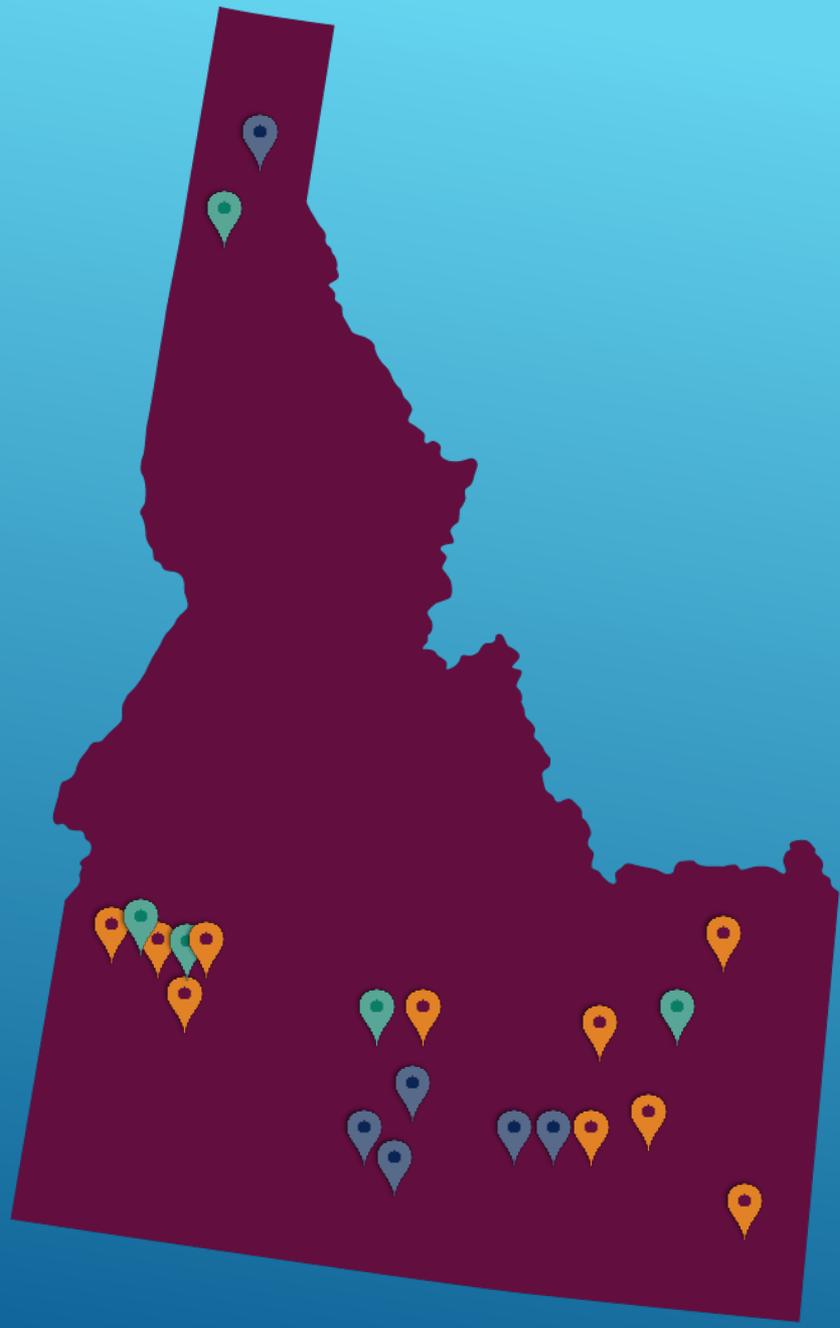


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Idaho
Commission
for Libraries

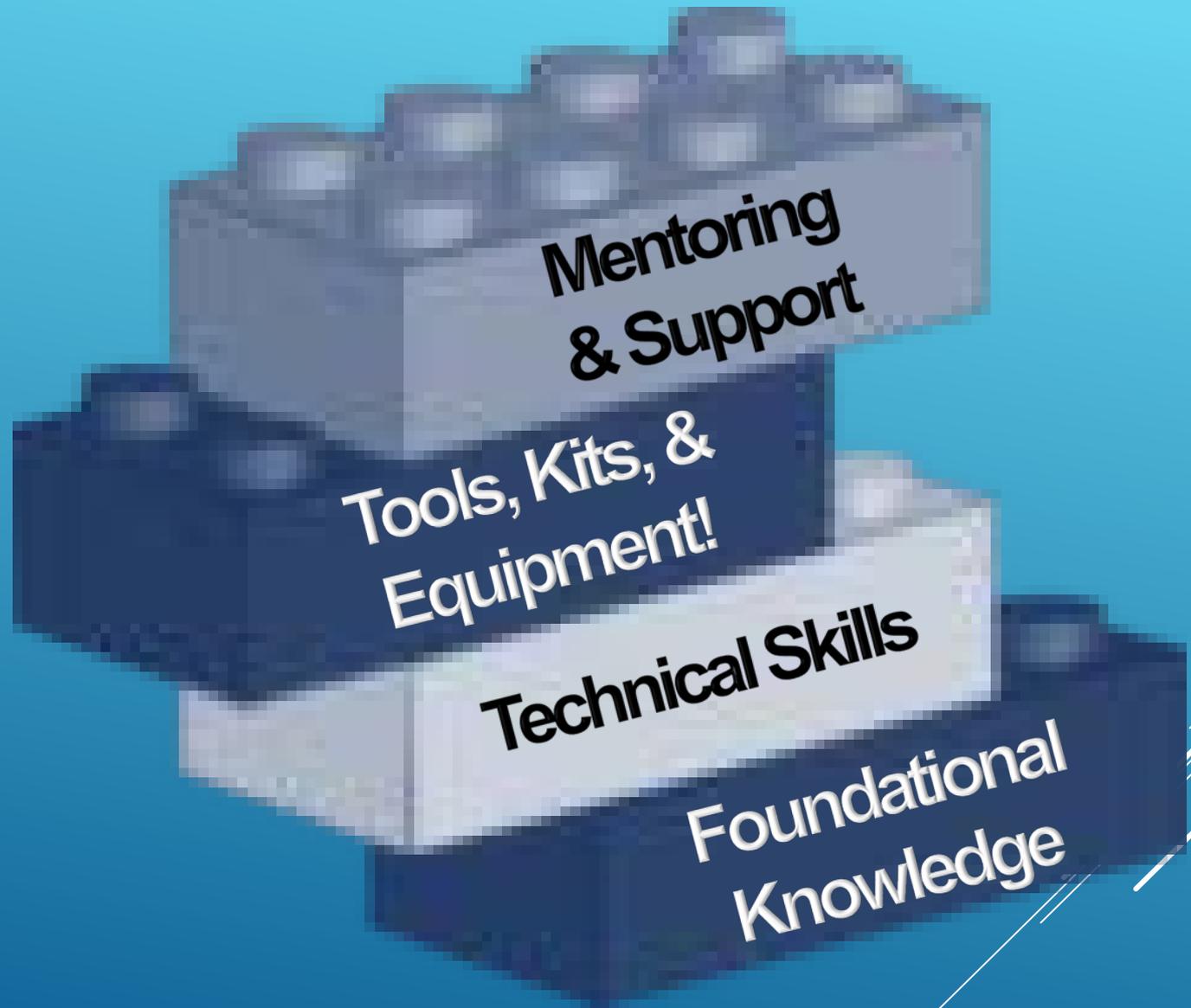




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EXTENSIVE TRAINING



FLEXIBLE TOOLS



2013 Cohort

At least 2 staff trained
- implement in-house
programming

Year 1

Mentor 2014 cohort;
train additional staff;
expand programming

Year 2

Use toolkits to train
community partners;
expand outreach

Year 3

SUCCESS STORIES



Arduino	Bicycle Repair	Bongos	Catapults	Circuits	Crochet	Drawing	Electric Guitar
Fitness	Knitting	MaKey - MaKey	Raspberry Pi	Robots	Ukulele	3D Printing	



WHAT HAVE WE LEARNED?

Making activities engage all ages

It is easier than many staff thought!

Fosters collaboration among patrons

IT'S FUN!

**...(And when kids
are having fun,
they are most
open to learning!)**

Helps build new partnerships

Making can happen ANYWHERE!

Can be VERY cost effective!

Evaluating Impact is REALLY hard!



WHAT
WILL
YOU
MAKE?

