



The Building STEAM with Día booklist was created by the Association for Library Service to Children (ALSC), a division of the American Library Association (ALA). Titles on this list were selected and activities were created by members of ALSC's Quicklists Consulting Committee. For more booklists, please visit www.ala.org/alsc/booklists.



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dia.ala.org

A vibrant blue graphic with white circles and icons representing STEAM. At the top left, a circular seal contains the text 'El día de los niños / El día de los libros' and 'Children's Day • April 30 • Book Day' around a starburst icon. The central text reads 'Building STEAM with Día!' in white and orange. Surrounding this are icons of children using a microscope, a wheelchair, a magnifying glass, and a pencil. At the bottom, there are icons of laboratory glassware: a round-bottom flask with purple liquid, a beaker with yellow liquid, a flask with orange liquid and bubbles, a rack of test tubes with red, orange, and yellow liquids, and a microscope.

Building
STEAM
with
Día!

2015 Día Book List
6th to 8th Grade
dia.ala.org

Try this STEAM activity at your library or home!

Rubalcaba, Jill

I.M. Pei: Architect of Time, Place and Purpose

Marshall Cavendish, 2011 • 9780761459736

- Build the tallest tower: supply children with either toothpicks and gumdrops or masking tape and newspapers to see who can construct the tallest tower.
- Reimagine one of the projects in this book in your own way.
- Locate another building designed by I.M. Pei that is not covered in this book and identify its time, place, and purpose.

Albee, Sarah
Bugged: How Insects Changed History

Illustrated by Robert Leighton
Walker, 2014

9780802734235

S

Allen, Thomas B., and Roger MacBride Allen
Mr. Lincoln's High-Tech War

National Geographic Children's Books, 2009
9781426303791

TE

Aronson, Marc, and Marina Budhos
Sugar Changed the World: A Story of Magic, Spice, Slavery, Freedom, and Science

Clarion, 2010
9780618574926

S

Athans, Sandra K.
Secrets of the Sky Caves: Danger and Discovery on Nepal's Mustang Cliffs

Millbrook Press, 2014
9781467700160

A

Beram, Nell, and Carolyn Boriss-Krimsky
Yoko Ono: Collector of Skies

Abrams/Amulet Books, 2013
9781419704444

A

Bertozzi, Nick
Shackleton: Antarctic Odyssey

First Second, 2014
9781596434516

T

Castaldo, Nancy
Sniffer Dogs: How Dogs (and Their Noses) Save the World

Houghton Mifflin Harcourt, 2014
9780544088931

S

Dillon, Patrick
The Story of Buildings: From the Pyramids to the Sydney Opera House and Beyond

Illustrated by Stephen Biesty
Candlewick Press, 2014
9780763669904

E

Engle, Margarita
Silver People: Voices from the Panama Canal

Houghton Mifflin Harcourt, 2014
9780544109414

E

Fleming, Candace
Amelia Lost: The Life and Disappearance of Amelia Earhart

Random House/Schwartz & Wade Books, 2011
9780375841989

T

Hale, Shannon
Dangerous

Bloomsbury, 2014
9781599901688

S

Hawking, Lucy, and Stephen Hawking
George's Secret Key to the Universe (first in a series)

Illustrated by Garry Parsons
Simon & Schuster, 2007
9781416954620

ST

Heos, Bridget
Stronger than Steel: Spider Silk DNA and the Quest for Better Bulletproof Vests, Sutures, and Parachute Rope

Photographs by Andy Comins
Houghton Mifflin Harcourt, 2013
9780547681269

ST



Key

STEAM

Science
Technology
Engineering
Arts
Mathematics

Jackson, Donna M.
Extreme Scientists: Exploring Nature's Mysteries from Perilous Places

Houghton Mifflin Harcourt, 2009
9780618777068

S

Kelly, Jacqueline
The Evolution of Calpurnia Tate

Henry Holt, 2009
9780805088410

S

Macy, Sue
Sally Ride: Life on a Mission

Aladdin, 2014
9781442488540

ST

Moulton, Erin E.
Chasing the Milky Way

Philomel, 2014
9780399164491

SE

Patel, Mukul
We've Got Your Number

Illustrated by Supriya Sahai
Kingfisher, 2013
9780753470725

M

Pflugfelder, "Science Bob," and Steve Hockensmith
Nick and Tesla's High-Voltage Danger Lab: A Mystery with Electromagnets, Burglar Alarms, and Other Gadgets You Can Build Yourself

Illustrated by Scott Garrett
Quirk Books, 2013
9781594746482

TE

Reef, Catherine
Frida & Diego: Art, Love, Life

Houghton Mifflin Harcourt, 2014
9780547821849

A

Rubalcaba, Jill
I. M. Pei: Architect of Time, Place and Purpose

Marshall Cavendish, 2011
9780761459736

E

Sandler, Karen
Tankborn

Tu Books, 2011
9781600606625

S

Stone, Tanya Lee
Almost Astronauts: 13 Women Who Dared to Dream

Candlewick Press, 2009
9780763636111

ST

Tan, Shaun
The Bird King: An Artist's Notebook

Arthur A. Levine Books, 2013
9780545465137

A

Turner, Pamela S.
The Frog Scientist

Houghton Mifflin Harcourt, 2009
9780618717163

S

