



Architecture

2017 - 2018 GRO Unit - Grade 3

Lake Hiawatha Branch Library Research Guide

Books and DVDs

*These are just a few of the books and DVDs about architecture owned by the **Lake Hiawatha Library**.*

An Inside Look at Superstructures (2002)
by Philip Brooks, J624.1 BRO

Architectural details of famous structures, including the pyramids, medieval castles, skyscrapers, bridges, and the Statue of Liberty, are illustrated with detailed drawings.

Build It! Structures, Systems and You (2006)
by Adrienne Mason, J624.1 MAS

Learn about architectural concepts through fun projects and activities, using everyday materials.

Let's Try It Out with Towers and Bridges (2003)
by Seymour Simon and Nicole Fauteux, J624.1 SIM

Basic concepts behind the construction of sturdy buildings and bridges are explained through easy activities and experiments.

Buildings in Disguise (2004)
by Joan Marie Arbogast, J720 ARB

A fun look at architecture that looks like "animals, food and other things!"

Bridges! Amazing Structures to Design, Build & Test (1999)
by Carol A. Johann and Elizabeth J. Rieth, J624.2 JOH

Gives excellent, simple to follow instructions for building and testing various types of bridges from easily found materials.

Bill Nye the Science Guy. Architecture (2005), JDVD 720 ARC

Bill Nye explains how architects design buildings and then travels to Japan to learn how pagodas are built to withstand earthquakes.

The Story of Buildings (2014)
by Patrick Dillon and Stephen Biesty, J720 DIL

A beautifully illustrated and comprehensive book about the design and creation of the most remarkable buildings and structures from around the world! Includes clear explanations of basic building terms, such as cantilevers, arches, domes and more.

Great Building Designs: 1900—Today (2016)
by Ian Graham, J724.8 GRA

Highlights some of the most exciting design breakthroughs in modern history, and introduces the amazing designers and architects behind them.

A Bridge Goes Over (2017)
by Kylie Burns, J624.2 BUR

Find out how engineers design bridges and other structures.

Search the Shelves

Browse the nonfiction shelves for books with the following call numbers:

J624 for books on **CONSTRUCTION**

J720 for books on **ARCHITECTURE**

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Search the Online Catalog

at parsippanylibrary.org

and click on

Catalog.

Type in any of these terms in the search box to find materials on your topic:

Architecture Bridges

Building or Buildings

Domes Lighthouses

Skyscrapers

Limit your search to materials for your grade level by clicking on **Ages** in the left hand column, then clicking on the correct age range (**Juvenile** or **Primary**). You can also see what's available at your library by clicking on **Libraries** and then on the name of your library.

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Think Outside the Branch

Don't forget...you have access to books at all Parsippany Libraries, as well as in the MAIN (Morris County) library system. If you search the catalog and find a book we don't have, ask a librarian to have it sent here for you!

Some Helpful Web Sites

Building Big

<http://www.pbs.org/wgbh/buildingbig/index.html>

A Digital Archive of American Architecture

http://www.bc.edu/bc_org/avp/cas/fnart/fa267/

Discovery Channel: The History of Skyscrapers

<http://www.discoverychannel.com.au/images/the-history-of-skyscrapers/>

Easy Science for Kids: All About Bridges

<http://easyscienceforkids.com/all-about-bridges/>

The Great Buildings Collection

<http://www.greatbuildings.com/gbc/buildings.html>

Did you know...

The library provides **FREE** online resources just for kids. You can access them from anywhere. You will need your library card number to access them from home.

Go to parsippanylibrary.org, click on **Research**, then click **Databases**, then click **Homework Help** (on the right). Two that may be helpful:

- Funk and Wagnall's New World Encyclopedia
- Homework Help for Elementary School Students



Ask a librarian!