

# Engineering with LEGO®: Principles of Engineering +

## LEGO® Architecture: LEGO® Master Builders!



AT Pine Lane



**Day:** Thursday

**Grades:** 1st - 6th

**Time:** 4:05 - 5:05 PM

**Location:** Library

**Session 1:** 8/29, 9/05, 9/12, 9/19, 9/26, 10/03, 10/10, 10/24, 10/31

**Session 2:** 11/07, 11/14, 11/21, 12/05, 12/12, 12/19, 1/09, 1/16, 1/23

**Non-Meeting Days:**

**Session 1:** 10/17

**Session 2:** 11/28, 12/26, 1/2

**Minimum Class Size:** 6 Students

**- F E E S -**

**Session 1**

\$126

**Session 2**

\$126

**Save 10%**

on both sessions  
at  
[StrategicKids.com](http://StrategicKids.com)

**SIGN UP FOR BOTH SESSIONS TO GET DISCOUNTED RATE**

**LEGO Engineering Teaches:**

**Observation**

**Reasoning**

**Critical Thinking**

Strategic Kids Principles of Engineering will expose children to core engineering concepts. These concepts include the Six Simple Machines: levers, wheels and axles, pulleys, inclined plane, wedge and screw. Students will learn how to apply a pawl and ratchet, as well as the influence of directional forces. These lessons encourage exploration and experimentation to meet assigned challenges.

**LEGO Architecture Teaches:**

**Scale + Design**

**Ancient History**

**Architectural Concepts**

Strategic Kids' LEGO® Architecture 'Master Builders' is a super fun and exciting class in which students will learn about simple architectural concepts in a fun and creative way! Children will design and build skyscrapers, columns, arches, piers, skylines, and more with LEGO®! The session will end with a student challenge to build their own city by incorporating all the ideas they learned learned about during the session.

Scholarships may be available.

For more information and to apply please visit

[StrategicKids.com/scholarship](http://StrategicKids.com/scholarship)

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