



WOW

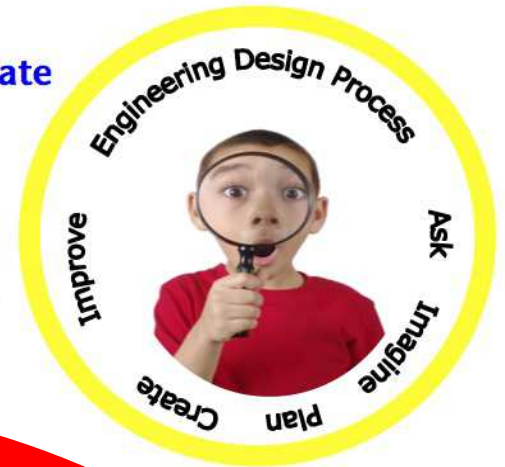
Worlds of Wonder

Think Create Innovate Educate

LEGO®

Engineering Classes

The Whole Child
Learning Company™ 



Beginner: Early Structures

TK-2nd grade recommended

Brick Type: LEGO® DUPLO®

- Exploring basic mechanical principles such as gears, levers, pulleys, wheels & axles
- Investigating force, buoyancy and balance
- Solving problems through design
- Working with others to solve problems

Intermediate: Simple Machines

2nd grade and up recommended

Brick Type: LEGO® Technic®

- Engineers design, build, and modify their projects to solve problems more efficiently
- Students work in teams and learn to communicate to achieve a shared goal
- STEM concepts like friction and force are learned through hands-on interaction that promotes fine-motor development

Advanced: Renewable Energy

3rd grade and up recommended

Brick Type: LEGO® Technic®

- Students learn about renewable energy and how to create, store, and utilize it.
- Increase efficiency by manipulating solar panels, wind turbines, and hand generators and measuring energy.

Barnard Elementary

Tuesdays

New Models, New Concepts!

Auditorium @ 2:15-3:15

Beginner Session:

09/12-12/12* \$168

*no class 11/14, 11/21

Intermediate Session:

01/09-03/13 \$140

Advanced Session:

04/03-06/05* \$140

For More Information
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