



Young children become movers and shakers in **Little Builders!** Children ages 2 through 7 create, play, and learn as they explore the concepts of construction, motion, and simple machines. Hand operate a pulley or conveyer belt to explore cause and effect. Turn the wheels of a gantry crane to transport cargo and discover mechanical physics at work. Operate a child-sized crane to hook, lift, and move objects and materials. Build structures with blocks, pipes, Duplo® blocks, and gears, while learning about size, weight, shape, balance, gravity, and stability. Insert balls into air chutes and see them shoot through clear pipes to experiment with aerodynamics.

Throughout **Little Builders**, the open-ended nature of the materials and activities allows creativity to flourish. Children are encouraged to use the exhibit in their own unique ways and, thus, learning becomes personalized. **Little Builders** is also a learning laboratory for parents, teachers, and other care providers to observe, understand, and interact with their little builders.



EXHIBITION AREAS:

Here is a sample of the different exhibit components in **LITTLE BUILDERS:**

Construction Site—Explore the physics of movement. Climb through four levels of the Construction Site. Transport objects by manipulating a hand-operated pulley. Build patterns in a brick wall and “paint” with rollers.

Structures—Discover the concepts involved in building: size, weight, shape, balance, gravity, and stability. Create houses and more using blocks, Duplo® blocks, and PVC pipes. Crawl into miniature houses.

Aerodynamics—Experience and play with the characteristics of moving air. Insert balls into vertical air chutes and watch them whiz through clear pipes and pop into a basket, demonstrating the path of air.

Cranes—Learn about mechanical physics. Move block cargo to a waiting flatbed car using a gantry crane. Rotate a miniature crane and raise and lower its hook to move blocks.

Simple Machines—Explore and experiment with simple machines. Use plastic hammers, screwdrivers, and wrenches at the tool wall.

503.797.4659

www.oms.edu/travelingexhibits

LITTLE BUILDERS

COST:

\$9,500–\$11,500 (cost based on annual attendance)

3-month venue plus shipping

REQUIREMENTS:

1,000–1,500 sq. ft

Two–three days for installation and takedown
Crates will fit through a 6"W x 8'6"H doorway
Minimum ceiling height: 9'
110 VAC 15 amp power source
Crate storage space: 240 sq. ft.

COMPONENTS:

21 exhibits

Including hands-on interactives, graphic panels, and text

SHIPPING:

11 crates
Shipped in one 48–53-ft. trailer (partial load) with a lift gate

SUPPLEMENTAL MATERIALS:

Instruction Manual
Marketing Kit
Activity Guide for Parents and Teachers

AVAILABILITY:

Beginning Summer 2011

Contact OMSI's Traveling Exhibits Service at **503.797.4659**



An Interactive Exhibit
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