LilliWorks
Active Learning Foundation

Product Catalog
VERSION 3.0, AUGUST 2007

All items are Dr. Nielsen-Approved. Most are her original designs, based on years of developing Active Learning.

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Resonance Boards™ and All the Other Active Learning Equipment
The Active Learning (AL) approach is ideal for those with severe and multiple disabilities, including cerebral palsy, blindness and cognitive challenges, up to the developmental age of 4. The essential Active Learning principal is to create the environments that feedback and support the learner so that the learner can take action on their own initiative to learn. Originated by Dr. Nielsen (see back cover) and documented in over nine books and many articles. AL is shown to be highly effective for severely affected learners of all ages, it is popular in Europe, the Michigan region, Texas and is growing throughout the US and the world.

About LilliWorks Active Learning Foundation
LilliWorks ALF is a 501(c)3 California non-profit corporation and is the exclusive authorized provider of Dr. Nielsen-designed Active Learning equipment in North America. Parents of special needs children, therapists and volunteers founded LilliWorks in 2002.

We operate with deferred salaries, volunteers and minimal margins to minimize costs. Prepayment is encouraged but not necessary. We have reluctantly adjusted prices to sustain our operations.

LilliWorks ALF has a corporate goal to fulfill orders within 30 days. For more information see www.lilliworks.org

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Products shipped may vary slightly from those illustrated.

The Well-Equipped Active Learning Learner
A learner who is under the developmental age of 4 may be able to benefit from the full range of Active Learning equipment:

BASIC
Resonance Board
used as base for many activities, including Little Room, Support Bench and HOPSA Dress

CORE/ POSITIONAL
Essef Board
with Stand
used with Little Room and Support Bench

Support Bench
For “tummy time”, prone orientation without bearing weight

Little Room
A core Active Learning Environment which puts the learner at the center of the activity. It is their room.

HOPSA Dress
Vertical Orientation (secure hang point or track required)

PLAY OBJECT ORGANIZATION
SPG Board
Tipping Board
for kicking and play tray-like use

Spool
for kicking

Wall Mounted Hanger
over the changing station

Wall Mounted Hanger
in the tub

Ball Chain Holders
For Wheelchairs, car, etc.

Bead Can and Ball
Very interesting things to play with

Tactile Papers

ADVANCED
MultiFunction Activity Table
Assists with object permanence

Visit us at www.LilliWorks.org
Dr. Nielsen-Approved Active Learning Equipment

A - Resonance Board™
The Resonance Board, having a thin plywood panel, vibrates to every movement a child makes on it. Finished 48" x 48". Used as a base for many Active Learning environments. The Little Room-sized Version is 40"x28". Plans only are also available. Design differs from illustration – there is no upper lip around the rim.

<table>
<thead>
<tr>
<th>CODE</th>
<th>ITEM</th>
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<tbody>
<tr>
<td>R B</td>
<td>Resonance Board</td>
</tr>
<tr>
<td>R B - LR</td>
<td>Resonance Board, Little Room-Sized</td>
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<tr>
<td>R B - P</td>
<td>Resonance Board Plans Only</td>
</tr>
</tbody>
</table>

Please note shipping costs of the full Resonance Board, on Price Sheet.

Resonance Board Plans available: Simple to make.

B - Folding Resonance Board™
The Folding Resonance Board has a continuous hinge, intended for itinerant therapists. It folds fully in half to 2'x4'.

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<tr>
<td>R B - F</td>
<td>Folding Resonance Board</td>
</tr>
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</table>
E - SPG (Scratch, Pull, Grab) Board

Recently designed in conjunction with Dr. Nielsen, the Scratch, Position and Grab (SPG) Board is a modular extension of fixed scratch boards that have been recommended for years with Active Learning.

A typical handmade scratch board would have items glued in place and not change. By attaching various items to the squares of the SPG Board, they can be easily be reconfigured to keep it interesting and tuned to the learner.

The squares slide on tracks and a spring button retains them. **Objects are not included.**

Dr. Nielsen has distinguished 3 levels of skills and appropriate objects. By arranging the squares, the SPG can be tuned to each learner's needs. The SPG comes with 12 squares of each of 3 color, and an illustrated article by Dr. Nielsen, showing examples of objects for the 3 levels. Easy to clean acrylic. Production model has perimeter holes (as in the above picture) to aid securing.

**CODE ITEM**
SPG SPG (Scratch, Pull, Grab) Board

D - Head Support

The clear Head Support is not generally used if the learner exhibits any ability to lift their head. The Head Support may be used by those with no or very little head control. Use only with competent evaluation of neck risks.

The Head Support is specially designed to leave the arms free for movement. Order the Support Bench with the Head Support or add it on later.

**CODE ITEM**
SB-S Support Bench with Head Support
SB-HS Head Support Only (Add-On)

The Support Bench

C - The Support Bench is a fully adjustable support for the upper torso, allowing the learner to lie prone with their hands and feet free, promoting midline activity. This provides true Active Learning “tummy time”, with unique support, and minimal weight bearing on legs.

It is used on a Resonance Board, often with the Essef Board at the learner’s feet. Casters are included to be used when a learner exhibits walking motions.

Includes two main wood board assemblies. Standard unit includes,

- “Medium” (8-1/2” wide) board, and
- “Wide” (10” wide) board.

**Smaller Boards** Also available, for smaller learners, with

- “Small” (7” wide) for infants, and
- “Medium” (8-1/2” wide) to fit smaller learners.

**CODE ITEM**
SB-NS Support Bench, no Head Support
SB-SM Designates Small & Medium Boards

**“The Support Bench frees arms and legs from bearing weight ” - Dr. Lilli Nielsen**
G - Spool

New! We have a supply of various spools sizes from 10" height/diameter and larger. Some Bead Chains supplied. Other objects not included. Fill in the remaining portion with your own objects. (Not pictured)

F- The Wall Mounted Hanger (WMH)

This hardwood unit mounts on the wall and has three arms that fold out to hold lightweight hanging objects. Each arm has a safe “break-away” joint, which bends if the learner exerts too much pull. The standard unit is made out of 3/4” solid oak. Drilling required as it must be securely mounted to studs.

CODE   ITEM
WMH    Wall Mounted Hanger (Oak)

SPL-W  Wood Spool With Bead Chains
SPL-P  Plastic Spool With Bead Chains

H - Grid Holder

The Grid Holder is intended to hang light objects in an array over a learner. Though, it serves a function like the ceiling panels in Dr. Nielsen’s Little Room, it can never replace the full Little Room experience. It has a telescoping feature and twin high-strength solid plastic hangers for a pipe, clips or rope. Approximately 24” wide, 36” long, extendable to 48”. It is lighter-weight all wood construction, and features a counterweight. 10 lb maximum rated capacity.

CODE   ITEM
GRID   The Grid Holder

I - Tippling Board

The Tippling Board is another way to get objects at a learner’s hands or feet. This adjustable stand fits over legs and rotates 360 degrees for use at any angle. It comes with one pegboard panel. Attach your own objects with elastic as a “position board”. It also accepts Little Room(R) panels, or the SPG Board. The Tippling Board’s legs are approx. 24” apart and have adjustable height.

CODE   ITEM
TB     Tipping Board
**J · Little Room® - Full (LR-3)**

The full Little Room is typically configured to 2' high, 2' wide and 3' long, providing room for small children to sit and those laying down to have extra room and objects hung at their hands. Learner’s activities echo in the acoustic environment. The LR-3 configures to LR-2 and LR-1, and to 1' high by 2' wide by 4' long. **12 panels.**

<table>
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<tr>
<th>CODE</th>
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<tr>
<td>LR-3</td>
<td>Little Room® - Full</td>
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<tr>
<td>LR-3-K</td>
<td>Little Room® - Full KIT</td>
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</tbody>
</table>

**K · Little Room® - Short (LR-2)**

The LR-2 configures to 2'x2'x2' or tp 2'x2'x1' high (that is, as a LR-1). Suitable for shorter learners who can sit comfortably inside. The LR-2 has **8 Panels.**

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<td>Little Room® - Short</td>
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<tr>
<td>LR-2-K</td>
<td>Little Room® - Short KIT</td>
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<tr>
<td>LR-2T3</td>
<td>Upgrade to LR-3</td>
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<tr>
<td>LR-2T3-K</td>
<td>Upgrade to LR-3 KIT</td>
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</tbody>
</table>

**L · Little Room® - Small (LR-1)**

The LR-1 configures to 2'x2'x1' high. Suitable for infants and shorter learners (<36") who lay on their backs. Learners who can sit are accommodated by an LR-2. The LR-1 has **5 Panels.**

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<td>Little Room® - Short</td>
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<td>LR-1-K</td>
<td>Little Room® - Short KIT</td>
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<td>LR-1T2</td>
<td>Upgrade to LR-2</td>
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<tr>
<td>LR-1T3</td>
<td>Upgrade to LR-3</td>
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<td>LR-1T2-K</td>
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</tr>
<tr>
<td>LR-1T3-K</td>
<td>Upgrade to LR-3 KIT</td>
</tr>
</tbody>
</table>

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The Little Room®

A core Active Learning environment

Dr. Nielsen spent 7 years designing The Little Room® in a scientific study. **Accept no copies.** The Little Room® environment provides not just stimulation, but a resonant, warm, rich and safe place for children to engage. Used on top of a Resonance Board. When properly populated with acoustically responsive toys, it naturally feeds back to the learner with every movement. Panels are all two-sided, positive-lock and easy to rearrange, horizontally and vertically, providing a fluid, long-term interesting environment. Two clear acrylic roof panels provide light. Two "play bars" provide additional variety. Can be oriented vertically for larger sitting learners. Includes a 4' long, one-panel-high configuration is for learners who lay on their back.

**Kits** require assembly, rounding, sanding and finishing.

**Upgrades** Available to expand LR-1 & LR-2 to the full LR-3.

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“If the child cannot go to the room, the room must come to the child.” - Dr. Lilli Nielsen
The Multi-Functional Activity (MFA) Table

M · The Multi-Functional Activity (MFA) Table®

The MFA Table is Dr. Nielsen’s design for learners able to grab, release and place objects. It is designed to facilitate object-persistence with learners so challenged. The MFA Table features a modular design, a uniquely hinged section, and adjustable legs that allow for an endless number of possibilities. The square trays and texture panels are fully interchangable.

Special Order. Allow extra time, and/or prepay please.

CODE ITEM
MFAT Multi-Functional Activity Table

The Essef Board™ is highly responsive to a child’s pressure. It’s a wonderful way to engage the child in lower motor activities. Imported no-void birch plywood, natural finish. Springs have rust-resistant zinc plating. The middle springs can be removed for added “floppiness”.

CODE ITEM
EBS Essef Board™ - Finished

Kits with cut wood requires rounding, sanding & finish. All hardware included. Plans and Springs also available. This includes the special springs and plans only. Wood and hardware required.

CODE ITEM
EB-K Essef Board™, Kit
EB-P Essef Board™ - Plans Only

Essef Board Stand

O · Essef Board™ Stand holds the Essef Board™ vertical or at an angle without being on a wall. Redwood, adjustable angle. Folds flat for storage.

CODE ITEM
EBS Essef Board™ Stand - Finished
EBS-K Essef Board™ Stand - Kit
EBS-P Essef Board™ Stand - Plans Only

Material varies from illustration.
P - HOPSA Dress™

Lilli’s HOPSA Dress™ safely provides vertical orientation and support without the legs bearing weight - a critical Active Learning support. Used over a Resonance™ or Essef Board™, it provides learners with great freedom and feedback, and the opportunity to improve control.

The Velcro belt secures the child, and has a snap quick release. Features safety snugs over the shoulder to help stabilize. Velcro on the exterior of the belt to attach object (not supplied). Custom made in Norway. Use a lift system that can adjust the height, or use our Block and Tackle. Hang from a secure hang point or if the learner exhibits walking motions, a track is recommended (not sold by LilliWorks).

Size 1 is for infants through 35 lbs.
Size 2 is for children through 90 lbs
Size 3 is for adults, maximum 240 lbs.

HOPSA Dress Accessories

► Q - Cross Bar (“Spanner Bar”) sold separately. When ordered with a Block and Tackle, it comes with a Link to the connect them.

► R - Block and Tackle pulleys allow the child to be raised or lowered as needed (3 Sheaves, 6:1 ratio w double braided rope). Not pictured.

S - Square Hammock

“Dwain by Dr. Nielsen, it is a hanging play space, with netting, ideal for hanging various toys so that they are right at hand and mouth. Three secure sides and a pillow in the bottom, allow the learner’s feet to extend out and move the entire environment - talk about feedback!”

S - Square Hammock

CODE ITEM
HD-1 HOPSA Dress Size 1
HD-2 HOPSA Dress Size 2
HD-3 HOPSA Dress Size 3

CODE ITEM
CB Cross Bar
B&T Block and Tackle
SQH Square Hammock
**Coming Soon...**

**Dr. Nielsen's Books**
Each of Dr. Nielsen's books are available by special order. Please allow extra time for delivery.

**FIELA**
The FIELA Curriculum: 730 activities, schedule board, Inst Manual, Curriculum

**BK-MAN**
The FIELA Curriculum Instruction Manual only

**BK-FS**
Functional Scheme: Functions Skills Assessment

**BK-EL**
Early Learning Step by Step

**BK-SR**
Spatial Relations In Congenitally Blind Infants

**BK-EA**
Educational Approaches

**BK-AY**
Are You Blind?

**BK-SS**
Space and Self

**BK-CH**
The Comprehending Hand

**BK-POEL**
Vis Imp Underst Needs of Young Children
(By Dr. van der Poel)

**CONTACT LILLIWORKS FOR MORE INFORMATION.**
**TACTILE TOYS**

**U - Bead Chain Holder**
These clamp on arrays of large and smaller metal beads provide interesting tactile and auditory responsiveness that adults can't resist.

<table>
<thead>
<tr>
<th>CODE</th>
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<tr>
<td>BC-6</td>
<td>6” Bead Chain Holder</td>
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<tr>
<td>BC-12</td>
<td>12” Bead Chain Holder</td>
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</table>

**Bead Chains**

**V - The Harp**
We found some egg slicers, like Dr. Nielsen’s original design, so they are cheaper.

Code Item
HARP Lilli’s Harp

**W - Bead-Can Kits**
Turn a can or a ball into a super Active Learning object of your own construction. It results in a highly responsive, tactile, unusually interesting and acoustically alive object. The kit comes with elastic, beads, and other objects similar to the illustration, and a can or ball. The ball is approx 10” dia.

WARNING: DETACH HAZARD

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<td>How to make Bead Items:</td>
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<td>BD-CAN-K</td>
<td>Bead-CAN Kit</td>
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<tr>
<td>BD-BALL-K</td>
<td>Bead-BALL Kit</td>
</tr>
</tbody>
</table>

**X - Tactile Papers**
Carefully designed by Dr. Nielsen, this series of heavy duty Braille paper (actually PVC sheets) is perfect for learners to contrast and compare with their mouth, hands or feet. Textured area is letter-sized. Sheets are easy to cut and may be taped onto various objects or into tubes.

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<tr>
<td>TPLB</td>
<td>Tactile Paper - Large Bumps</td>
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<td>TPMB</td>
<td>Tactile Paper - Medium Bumps</td>
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<td>TPSS</td>
<td>Tactile Paper - Small String</td>
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ORDERING INFORMATION

How To Order
Use this form to assure a complete order, include your signature, and/or use your Purchase Order form. You can fax your order form 24 hours a day to (510) 814-3941! We acknowledge all orders. Our corporate goal is to ship within 30 days of receiving an order.

Pre-payment Not Necessary
As a small non-profit we encourage prepayment to aid our cash flow, but it is not required.

Use the Current Price Sheet
Check the www.lilliworks.org web site for the current Price Sheet. Prices are subject to change without notice.

Shipping charges
Shipping costs are approximate. Shipping for Little Rooms and Support Benches only waived if pre-paid.

International orders
International orders except from Canada must be pre-paid in US dollars. Buyer pays all customs charges. LilliWorks uses FedEx as the customs broker (which may be expensive), unless you specify another. Canadian customers pay GST and any additional shipping. Certificate of Origin included for all items except HOPSA Dresses and Videos.

Payment By Credit Card
VISA and MasterCard credit cards are accepted. There is a 4% fee to cover credit card processing costs.

Payment By PayPal
Send to: info@lilliworks.org.

Customer Service
510 814 9111

Order By Fax
510 814 3941
24 hours-a-day

Order Online - Soon
Check our Website

Order By Mail
LilliWorks Active Learning Foundation
2517 Blanding Ave., Suite 110
Alameda, CA 94501

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</table>

Shipping: See the Current Pricing Sheet for current estimated shipping. Some items can be combined, like 2 Resonance Boards and videos. Shipping is waived for Little Rooms and Support Benches only that are pre-paid.

Method of payment
☐ Check or Money Order enclosed
Purchase Order # (Please call first if you do not have an account with us):

Please charge my: ☐ MasterCard ☐ VISA

Card Number: ____________________________

Expiration Date (Month/Year): __/___

Name on card:

Signature (as shown on credit card):
LilliWorks primarily only carries equipment and items approved by Dr. Nielsen that are not available from other sources. Our purpose for this is to ensure that the learners that receive our therapeutic and educational aids are getting the optimal "Active Learning" equipment and knowledge, as determined by the originator of the approach. Most items are Dr. Nielsen original designs; most new items were designed with Dr. Nielsen. All Active Learning items are approved by Lilli.

Fundamentally, we encourage all Active Learning practitioners simply to use the designs that the originator of the approach has approved. We strongly warn against using "copies". Please use our plans and kits to lower your cost. Lilli has never seen a good "Little Room" copy.

LilliWorks warrants its items for a full year any defects affecting the safety or operation. Our items being of custom handcraftsman quality, our warranty does not cover cosmetic blemishes. See our Warranty for full details.

About Dr. Lilli Nielsen
She is acknowledged as one of, if not the top expert on the education of those with multiple severe disabilities. She was a special education advisor from 1967-1996 for the Refsnaesskolen, National Institute for Blind and Partially Sighted Children and Youth in Denmark.

She is a preschool teacher and psychologist, with her PhD thesis on spatial relations of congenitally blind infants. She has authored many books and professional articles in her 40+ year career, and lectures around the world.