

*SCS does hereby certify that an independent assessment has been conducted on behalf of:*

# Community Playthings

Maple Ridge, 10 Hellbrook Lane, Ulster Park, NY, USA

**For the following product(s):**

**Classroom Furniture:**

Roomscapes Furniture System, Community Lofts, Classroom Storage, Classroom Desks and Tables, Toddler Village, Art Equipment

*See certificate addendum for full list of product names and model numbers.*

**This product meets all of the necessary qualifications to be certified for the following claim:**

**Indoor Advantage™ Gold**

Indoor Air Quality Certified to SCS-EC10.2-2007

Conforms to the California Specification 01350 (Standard Method v1.1) for the school classroom parameters<sup>1</sup>; also in compliance with 9 µg m<sup>-3</sup> formaldehyde CREL for all parameters.

<sup>1</sup> Modeled as School Classroom Workstation (pupil), see addendum.

**Registration # SCS-IAQ-02481**

**Valid from: January 10, 2012 to May 19, 2012**



SCIENTIFIC CERTIFICATION SYSTEMS  
SCS-IAQ-02481



ANSI ACCREDITED PROGRAM  
PRODUCT CERTIFICATION  
#0821



SCIENTIFIC CERTIFICATION SYSTEMS  
*Setting the standard for sustainability™*



A handwritten signature in black ink, reading "Robert J. Hrubes".

Robert J. Hrubes, Ph.D., Senior Vice President  
Scientific Certification Systems  
2000 Powell Street, Suite 600, Emeryville, CA 94608 USA

**CERTIFICATION ADDENDUM**

# Community Playthings

## Classroom Furniture

Certification:	<b>Indoor Advantage™ Gold</b>			
Registration Number:	<b>SCS-IAQ-02481</b>			
Certification Period:	<b>January 10th 2012 to May 19, 2012</b>			
Conformance:	Indoor Air Quality Certified to SCS-EC10.2-2007 Conforms to California Specification 01350 (Standard Method v1.1) for school classroom parameters <sup>1</sup> ; also in compliance with 9 µg m-3 formaldehyde CREL for all parameters. <sup>1</sup> Modeled as School Classroom Workstation (pupil).			
Products:	<b>Roomscapes Furniture Set :</b>			
	Arches, Gates, Teacher Door	Roomscapes Panels	Roomscapes Island	Open Back Shelves
	Book Shelves	Corner Shelves	Fixed Shelving	Shelves with Doors
	Chalkboard Cover	Mirror Covers	Translucent Back Shelves	Adjustable Shelves
	Sweep Shelving	Tote Box Shelf		
	<b>Community Loft:</b>			
	Model 1	Model 2	Options	Nursery Gyms
	<b>Classroom Storage:</b>			
	Lockers	Changing Tables	Montessori Shelving Units	Baby Shelf
	Island Shelves	Locking Shelves	Woodcrest Kitchen Products	Art Storage
	Infant Cubbies	Toddler Cubbies	Preschool Cubbies	Wall-Mounted Cubbies
	Teacher Coat Corner	Cubby Corner Shelves		
	<b>Classroom Desks and Tables :</b>			
	Classroom Desks	Classroom Tables	Multitables	Woodcrest Tables
	Workbenches			

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Products (Contiued):	<b>Art Equipment:</b>			
	Hollow Block	Dress-up Unit	Arches Kit	Art Island
	Easel	Utility Cart		
	<b>Toddler Village:</b>			
	Toddler Stove	Toddler Sink	Toddler Fridge	Village Square
	Village Corner	Toddler Shelf	Toddler Dress-up Unit	Toddler Canopy
	Steering Wheel	Chute	Mirror	Toddler Basket
	Car-Car			
	Included Product SKU's:	Includes Roomscape Furniture Set Models: Arches, Gates, Teacher Door (F831, F833, F838, F839, F835, F836); Roomscapes Panels (F711-F719, F731-F739, F741-F745, F747-F749, F721-F728, F763, F750-F762, F766, F768, F769, F783-F785, F789, 839); Roomscapes Island (F793, F794, F795); Open Back Shelves (F662, F644, F667, F646); Translucent Back Shelves (F614, F624-F629, F648, F649, F446, F615, F663, F664); Adjustable Shelves (F621, F622, F623, F631, F633, F641, F642); Book Shelves (F771-F778); Corner Shelves (F671, F673, F675); Fixed Shelving (F612, F661, F665, F668, F613, F643, F645, F647, F651, F652); Shelves with Doors (F632, F634); Sweep Shelving (F624-F629, F672, F677, F674, F678, F676, F679); Chalkboard Cover (F861, L186, and L189); Clear Covers (F862-F864, F821-F824, F851-F859); Mirror Covers (F841-F846); Tote Box Shelves (F589, F599). Wall adapter (F788), totes (F981, F991), and baskets (G483, G484, G486, G487) are included. Includes Community Loft Models: Model 1 (L210, L220, L230, L211, L212, L213); Model 2 (L310, L320, L330, L311, L313, L314, L315); Options (L137, L176, L177); Nursery Gyms (G700, G710, G718, G720, G730, G740, G750, G752, G753, G760, G770); Options (L181, L182, L184, L185, L187, L188)		

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<h1>Community Playthings</h1>	
<h2>Classroom Furniture</h2>	
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Certification Period:	<b>January 10th 2012 to May 19, 2012</b>
Conformance:	<p>Indoor Air Quality Certified to SCS-EC10.2-2007</p> <p>Conforms to California Specification 01350 (Standard Method v1.1) for school classroom parameters<sup>1</sup>; also in compliance with 9 µg m-3 formaldehyde CREL for all parameters.</p> <p><sup>1</sup> Modeled as School Classroom Workstation (pupil).</p>
Included Product SKU's (Contiued) :	<p>Includes Classroom Storage: Lockers (A751, A756, A761, A75, A755, A76, A77, A78, A742, A744); Changing Tables (G268, G261, G248, G241); Montessori Shelving Units (F431-F435, F441, F442, F411-F414, F445, F444, F401-F404); Baby Shelf (F611); Island Shelves (A231, A232); Locking Shelves (F242, 242A, F24, F24A); Woodcrest Kitchen Products (F360-F365); Art Storage (H551-H554, H558, H559, H560, H569, H573-H578); Infant Cubbies (A240, A241); Rocking Boat (V43); Toddler Cubbies (A250, A251, A252, A253, A254, A255, A256, A257, A258, A259); Preschool Cubbies (A260, A261, A262, A263, A264, A265, A266, A267, A268, A269); Wall-Mounted Cabinets (A281, A282, A283); Teacher Coat Corner (A275); Cubby Corner Shelves (A276, A277) All accessories and additions to storage units are included.</p> <p>Includes Classroom Desks and Tables: Classroom Desks (A510, A520, A540); Classroom Tables (A801, A811, A815, A805, A851, A855, A845, A841, A835, A821, A825, A831); Multitables (A950, A951, A952, A958, A959, A960, A914, A915, A916, A910, A911, A912, A918, A919, A920, A923, A924, A938, A939, A940); Woodcrest Tables (C221-C224, C231-C234, C241-C244); Workbenches (H10, H12)</p> <p>Includes Art Equipment: Hollow Block Cart (A60); Dress-up Unit (C705); Arches Kit (C706); Utility Cart (H30, H30A); Art Island (H500, H520, H530, H525); Easel (H505, H525, H820). Includes Toddler Village: Toddler Stove (C901); Toddler Sink (C902); Toddler Fridge (C903); Village Square (C904); Village Corner (C906); Toddler Shelf (C907); Toddler Dress-up Unit (C908); Toddler Canopy (C909, C911); Steering Wheel (C918); Chute (C919); Mirror (C921); Toddler Basket (G485-1, G485-2); Car-Car (P621)</p>
Options:	<p>Roomscape Furniture Set - All additions, accessories posts, fillers, wall adapters, wings, covers, backers, canopies and fabric options are included.</p> <p>Community Loft - All loft additions and accessories are included.</p> <p>Classroom Storage - All accessories and additions to storage units are included.</p> <p>Classroom Desks and Tables - All legs and tables accessories are included.</p>

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Standard Reference:	1. Standard for Formaldehyde and TVOC Emissions of Low-emitting Office Furniture Systems and Seating, ANSI/BIFMA X7.1-2011 2. Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, V1.1	
Model Parameters:	Maximum Concentration for School Classroom Workstation (pupil)	
	CDPH/EHLB Standard Method V1.1 (CA 01350) & ANSI/BIFMA X7.1-2011	
	<b>Compound</b>	<b>SCHOOL CLASSROOM</b>
	TVOC	≤ 500 µg/m <sup>3</sup>
	FORMALDEHYDE	≤ 9.0 µg/m <sup>3</sup>
	TOTAL ALDEHYDE	≤ 100 ppp
	4-PHENYLCYCLOHEXANE	≤ 0.0065 µg/m <sup>3</sup>
	Individual VOC's [School Classroom Workstation (pupil)]	≤ 1/2 CREL µg/m <sup>3</sup>

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Model Parameters (Contiued):	CDPH/EHLB Standard Method V1.1 (CA 01350): School Classroom Workstation (pupil)		
	Parameter	Unit of Measure	Parameter Value
	Classroom Dimensions & Area		
	Room Volume	m <sup>3</sup>	231
	Ventilation Rate	m <sup>3</sup> /hr	191
	Total School Classroom Workstation (pupil)	unit	27
	<p>The modeling parameters identified under California Specification 01350 (Standard Method v1.1) do not provide guidance on classroom scenarios outside the specified parameters of student and teacher desking or student and teacher seating. California Specification 01350 , Section 3.10.2.1 allows for building concentrations to be calculated on a case-by-case basis using input parameters for the amount of installed products, the size of space, and air change rate. An alternative modeling scenario was used, as allowed by Section 8: Guidelines for Use of Standard Method as Basis for a Building Product Claim. Community Playthings provided furniture loading parameters based on their “Pre-School Room” floor plan. The floor plan featured the most furniture loading potential and comparable floor area as specified in CA 01350. A maximum number of 27 workstations were used in the modeling scenario, per CA 01350. The maximum surface area of furniture in a typical “Pre-School Room” per individual student was used based on the data provided by Community Playthings. The surface area of individual components was calculated using the guidance of ANSI/BIFMA M7.1-2007 for individual furniture components. An assessment was completed for a Complete Classroom Scenario, consisting of Pre-School Room with 27 student workstations plus a Community Loft/Nursery Gym.</p>		