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MEMORANDUM

To: LEED for New Construction Project Teams
From: USGBC LEED Staff
Date: December 21, 2007
Subject: LEED for Schools - LEED for New Construction Credit Substitution (LEED for New Construction educational projects using LEED for Schools compliance paths)

Distribution:

In consideration of educational projects registered under LEED for New Construction prior to September 30, 2007 that wish to access the LEED for Schools Rating System, the USGBC is offering an optional credit substitution compliance path. USGBC has developed the attached matrix that establishes LEED for Schools credits that can be used by LEED for New Construction educational projects.

An educational project is one with a dominant academic program: at least 75% of the total square footage within the LEED project boundary must be dedicated to educational purposes on a full-time, permanent basis. Early education, daycare centers, K - 12 schools, and higher education institutions all qualify.

Qualified project teams also have the option of switching their registration to LEED for Schools for no charge provided they have not submitted any documentation to USGBC for review.

Items of note:

- Some LEED for Schools credits can be substituted independent of other credits, but many credits must be adopted jointly. Thus, if a LEED for New Construction project team chooses to use the LEED for Schools compliance path for a credit that must be “adopted jointly,” the team must also use the LEED for Schools path for all other credits that the team is seeking to achieve within the suite of linked credits.
- Substituting LEED for Schools Energy and Atmosphere Credit 1 will require project teams to comply with the 2 point minimum requirement.
- There are no “extra” points available through this compliance path; the LEED for New Construction point system, including rating thresholds, will continue to apply to projects utilizing the substitution matrix. Credits unique to LEED for Schools, such as Indoor Environmental Quality Credit 10: Mold Prevention, will be available to LEED for New Construction educational projects but will count as Innovation in Design Credits. As always, project teams may achieve a maximum of 4 Innovation in Design Credits.
- LEED for New Construction version 2.1 projects must submit for certification using LEED-Online (and not with binder submittals) in order use LEED for Schools credit substitution.

The following process is to be used for using LEED for Schools compliance paths by aLEED for New Construction project via LEED-Online:

1. Download the LEED for Schools template(s) via the download link on the LEED Online – Sample Credit Templates Web page.
2. From your LEED for New Construction project’s LEED-Online workspace, download the LEED for New Construction template, enter “See uploaded LEED for Schools template” in the “responsible party” field, and complete the required five fields at the very bottom of the template. Click “Save the template to LEED-Online” at the bottom of the template.



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3. Using the upload function for “Other Documents,” upload the completed LEED for Schools template and documents required by that template. Note: if you are using Acrobat Reader you will not be able to save data in the LEED for New Construction template (unlike the Professional version); instead, either (a) print and scan, or (b) or use “print screen” option, paste the image into another document, and use crop and enlarge features.)
4. You may now mark the credit as complete.

Thank you for your feedback and your ongoing commitment to green building and the LEED Rating System. If you have any questions or additional comments, please e-mail leedinfo@usgbc.org or ask for LEED customer service at 800-795-1747.

LEED for New Construction - LEED for Schools Credit Substitution Guide

		How may LEED for Schools credit requirements and submittals be applied to LEED for New Construction projects?
Color-coded groups indicate credits that must be adopted together.		
Sustainable Sites		
Prereq 1	Construction Activity Pollution Prevention	Independently*
Prereq 2	Environmental Site Assessment	See SS3
Credit 1	Site Selection	Independently*
Credit 2	Development Density & Community Connectivity	Independently*
Credit 3	Brownfield Redevelopment	Must be adopted jointly with SS2 to achieve 1 point ¹
Credit 4.1	Alternative Transportation, Public Transportation Access	SSc4.1, SSc4.2, SSc4.3 and SSc4.4 must be adopted jointly
Credit 4.2	Alternative Transportation, Bicycle Storage & Changing Rooms	
Credit 4.3	Alternative Transportation, Low-Emitting and Fuel-Efficient Vehicles	
Credit 4.4	Alternative Transportation, Parking Capacity	
Credit 5.1	Site Development, Protect or Restore Habitat	Independently*
Credit 5.2	Site Development, Maximize Open Space	Independently*
Credit 6.1	Stormwater Design, Quantity Control	SSc6.1 and SSc6.2 must be adopted jointly*
Credit 6.2	Stormwater Design, Quality Control	
Credit 7.1	Heat Island Effect, Non-Roof	Independently*
Credit 7.2	Heat Island Effect, Roof	Independently*
Credit 8	Light Pollution Reduction	Independently
Credit 9	Site Master Plan	Independently, use as ID credit
Credit 10	Joint Use of Facilities	Independently, use as ID credit
Water Efficiency		
Credit 1.1	Water Efficient Landscaping, Reduce by 50%	Independently*
Credit 1.2	Water Efficient Landscaping, No Potable Use or No Irrigation	Independently*
Credit 2	Innovative Wastewater Technologies	Independently
Credit 3.1	Water Use Reduction, 20% Reduction	Independently
Credit 3.2	Water Use Reduction, 30% Reduction	Independently
Credit 3.3	Water Use Reduction, 40% Reduction	Independently, use as ID credit for Exemplary Performance
Credit 4	Process Water Use Reduction	Independently, use as ID credit
Energy & Atmosphere		
Prereq 1	Fundamental Commissioning of the Building Energy Systems	Must be adopted jointly with EAc3*
Prereq 2	Minimum Energy Performance	EAp2, EAc1 and EAc2 must be adopted jointly
Prereq 3	Fundamental Refrigerant Management	Must be adopted jointly with EAc4*
Credit 1	Optimize Energy Performance	EAp2, EAc1 and EAc2 must be adopted jointly
Credit 2	On-Site Renewable Energy	EAp2, EAc1 and EAc2 must be adopted jointly
Credit 3	Enhanced Commissioning	Must be adopted jointly with EAp1*
Credit 4	Enhanced Refrigerant Management	Must be adopted jointly with EAp3*
Credit 5	Measurement & Verification	Independently
Credit 6	Green Power	2.0/2.1: Must be adopted jointly with EAp2, EAc1, EAc2. 2.2: Independently ²
Materials & Resources		
Prereq 1	Storage & Collection of Recyclables	Independently
Credit 1.1	Building Reuse, Maintain 75% of Existing Walls, Floors & Roof	Entire MRc1 must be adopted*
Credit 1.2	Building Reuse, Maintain 95% of Existing Walls, Floors & Roof	
Credit 1.3	Building Reuse, Maintain 50% of Interior Non-Structural Elements	
Credit 2.1	Construction Waste Management, Divert 50% from Disposal	MRc2.1 and MRc2.2 must be adopted jointly*
Credit 2.2	Construction Waste Management, Divert 75% from Disposal	

Credit 3.1	Materials Reuse, 5%	MRC3.1 and MRC3.2 must be adopted jointly*
Credit 3.2	Materials Reuse, 10%	
Credit 4.1	Recycled Content, 10% (post-consumer + ½ pre-consumer)	MRC4.1 and MRC4.2 must be adopted jointly*
Credit 4.2	Recycled Content, 20% (post-consumer + ½ pre-consumer)	
Credit 5.1	Regional Materials, 10% Extracted, Processed & Manufactured Regionally	MRC5.1 and MRC5.2 must be adopted jointly*
Credit 5.2	Regional Materials, 20% Extracted, Processed & Manufactured Regionally	
Credit 6	Rapidly Renewable Materials	Independently*
Credit 7	Certified Wood	Independently*

Indoor Environmental Quality		
Prereq 1	Minimum IAQ Performance	Must be adopted jointly with EQc1 and EQc2*
Prereq 2	Environmental Tobacco Smoke (ETS) Control	Independently
Prereq 3	Minimum Acoustical Performance	Independently, use as ID credit
Credit 1	Outdoor Air Delivery Monitoring	Must be adopted jointly with EQp1 and EQc2*
Credit 2	Increased Ventilation	Must be adopted jointly with EQp1 and EQc1*
Credit 3.1	Construction IAQ Management Plan, During Construction	2.0/2.1: Must be adopted jointly with EQc3.2 and EQc5. 2.2: Independently ³
Credit 3.2	Construction IAQ Management Plan, Before Occupancy	2.0/2.1: Must be adopted jointly with EQc3.1 and EQc5 ³
Credit 4	Low-Emitting Materials, Adhesives & Sealants	EQc4 must be adopted as a whole. As with LEED for Schools, projects may achieve a maximum of 4 points
	Low-Emitting Materials, Paints & Coatings	
	Low-Emitting Materials, Flooring Systems	
	Low-Emitting Materials, Composite Wood & Agrifiber Products	
	Low-Emitting Materials, Furniture & Furnishings	
Credit 5	Indoor Chemical & Pollutant Source Control	2.0/2.1: Must be adopted jointly with EQc3.1 and EQc3.2. 2.2: Independently ³
Credit 6.1	Controllability of Systems, Lighting	2.0/2.1: Must be adopted jointly with EQc6.2 2.2: Independently ⁴
Credit 6.2	Controllability of Systems, Thermal Comfort	2.0/2.1: Must be adopted jointly with EQc6.1 ⁴
Credit 7.1	Thermal Comfort, Design	EQc7.1 and EQc7.2 must be adopted jointly
Credit 7.2	Thermal Comfort, Verification	
Credit 8.1	Daylight & Views, Daylight 75% of Classroom Spaces	Independently
	Daylight & Views, Daylight 90% of Classroom Spaces	Independently, use as ID credit
	Daylight & Views, Daylight 75% of Other Spaces	N/A
Credit 8.2	Daylight & Views, Views for 90% of Spaces	Independently*
Credit 9	Enhanced Acoustical Performance	N/A
Credit 10	Mold Prevention	Independently, use as ID credit

Innovation & Design Process		
Credit 4	School As A Teaching Tool	Independently, use as ID credit

* May be applied to LEED for New Construction Versions 2.0 and 2.1 projects. LEED for New Construction Version 2.2 projects will not need to consider these credits for substitution because they are identical to the equivalent credits in Version 2.2.

¹LEED for New Construction projects shall complete and submit both the LEED for Schools SSp2 and SSs3 templates when substituting LEED for Schools SSs3 for LEED for New Construction SSs3.

²LEED for New Construction Versions 2.0 and 2.1 projects must adopt EAc6 jointly with EAp2, EAc1 and EAc2. LEED for New Construction Version 2.2 projects may adopt EAc6 independently.

³LEED for New Construction Versions 2.0 and 2.1 projects must adopt EQc 3.1, EQ3.2 and EQc5 jointly. LEED for New Construction Version 2.2 projects may adopt EQc3.1 and/or EQc5 independently. LEED for Schools EQc3.2 is identical to LEED for New Construction Version 2.2 EQc3.2.

⁴LEED for New Construction Versions 2.0 and 2.1 projects must adopt EQc6.1 and EQc6.2 jointly. LEED for New Construction Version 2.2 projects may adopt EQc6.1 Independently. LEED for Schools EQc6.2 is identical to LEED for New Construction Version 2.2 EQc6.2.