

EFEI		EDUCATION FACILITIES EFFECTIVENESS INSTRUMENT Component Description		19 Dec 06
VALUE 1 TO 10	Pattern #	Design Patterns For a High Quality Learning Environment	Description	
	1a	Classrooms, Learning Studios	Evaluates educational delivery in primary place of learning. Measures degree of integration of educational best practices, including support of various learning modalities: teacher centered or student centered; degree of student activity (group discussions, project learning, etc); cooperative learning; multiple intelligences; methods of student evaluations; technology integration.	
	1b	Small Learning Communities	Evaluates school organization through the positioning of teachers as collaborators and collective decision makers, knowing small groups of students wholly and delivering curriculum across multiple subjects, using Small Learning Communities of less than 150 students as the basic measure.	
	2	Welcoming Entry	Evaluates primary entry into school, protection from the elements, safety, unique school identity, degree of control and sequence of the Main Entry to Administrative Offices.	
	3	Student Display Space	Evaluates extent to which learning work and projects of all students is displayed in Lobbies, Corridors, and Learning Areas.	
	4	Home Base and Individual Storage	Evaluates degree of available student personal space and storage for belongings.	
	5a	Science Labs	Evaluates existence and degree of flexibility of hands-on natural science labs for lower grades and specialized labs for higher level and project-based learning.	
	5b	Arts Labs	Evaluates existence and degree of flexibility of art studios for all grade levels for project-based learning and specialized art disciplines for higher grades.	
	5c	Life Skills Areas	Evaluates existence and degree of integration of "hands-on-learning" labs/studios (Industrial Design, Tech Ed, Culinary Arts, Journalism, Yearbook, etc.) and their integration into other curricular areas.	
	6	Music and Performance	Evaluates existence and extent of appropriate facilities, and degree of integration of performance in the overall curriculum and community.	
	7	Physical Fitness	Evaluates Physical Fitness facilities and programs as a component of overall wellness concepts, including methods of travel to/from school and cooperative arrangements with other community institutions.	
	8	Casual Eating Areas	Evaluates student food service as more than Cafeteria lunch: hours of availability; student - centeredness (i.e. "on demand service") ; attractiveness; student work opportunities.	
	9	Transparency	Evaluates degree of visibility and display of public functions and learning activities: main office, classrooms, project labs.	

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	10	Interior and Exterior Vistas	Evaluates degree to which school building as grounded in its locale through views and strategic vistas both within and without.	
	11	Technology	Evaluates presence and extent of integration of educational technologies, including computers, hard wired and wireless networks, presentation tools, building controls, and distance learning connections to other places.	
	12	Indoor/Outdoor Connection	Evaluates extent to which outdoor spaces are available regularly as places for learning.	
	13	Furniture: Soft Seating	Evaluates extent of soft comfortable furnishings that encourage reflection and group discussions, participation through movability, and offer technology connections.	
	14	Flexible Spaces	Evaluates flexibility of learning and assembly spaces to serve a variety of group sizes as needed through connections; movable walls; adjustable furniture.	
	15	Campfire Space	Evaluates presence and accommodation of spaces for small group break-outs for formal and informal group presentations and story-telling. Includes technology support and relationship to support spaces.	
	16	Watering Hole Space	Evaluates presence and accommodation of spaces for informal student gatherings, including furniture, availability of food, technology support, and access to nature.	
	17	Cave Space	Evaluates presence of spaces for individual student and cooperative student group quiet study and reflection, with overview by adults.	
	18	Designed for Multiple Intelligences	Evaluates characteristics of the building and learning areas to support learning through (Howard Gardiner's) multiple intelligences: mathematical; linguistic; kinesthetic; naturalistic; interpersonal; intrapersonal; musical; spatial.	
	19	Daylight and Solar Energy	Evaluates effective use of natural light through building orientation; penetration of sunlight; use of skylights and utilization of solar energy.	
	20	Natural Ventilation	Evaluates capability of natural ventilation, including incorporation of "green" concepts such as cooling pools and geothermal heating/ cooling.	
	21	Full Spectrum Lighting	Evaluates use of artificial lighting fixtures that provide a high Color Rendition Index as close to full-spectrum daylight as possible and controls to enhance the learning spaces and increase energy efficiency.	
	22	Sustainable Elements and Building as a 3-D Textbook	Evaluates environmental impact and sustainability of building and site development with reference to "green" design best practices.	

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	23	Local Signature	Evaluates presence of special building characteristics such as signage, graphic logos, artwork installations, etc. that enhance the unique identity of the school and/or its place in the community.
	24	Connected to the Community	Evaluates the appropriateness of school location in the community; programs of engaging community members, businesses and institutions; community use of facilities; and use of available community functions.
	25	Bringing it all Together	Evaluates participatory decision-making in school operations/degree of participation in the design of the building; coherence of overall plan to reveal opportunities within the school building.
	26	Teachers as Professionals	Evaluates presence and quality of spaces to support teacher communication, preparation and ongoing professional development.
	27	Library/Resource Area	Evaluates quality of Library/Media Center, it's role in the educational program of the school and the extent of technology and information access available to students and teachers in all areas of the school.
	28	Acoustics	Evaluates many aspects of quality acoustics, including: school site location; classroom acoustics (reflection, reverberation and absorption) and acoustical separation and control; assembly space acoustics; and mechanical system noise interference and controls.
	29	Administration	Evaluates administrative locations and operations, including Main Office location; distributed Administration and Guidance to be near students; site-based management; collective decision-making; parent participation; and student participation in making school decisions.
	30	Aesthetics	Evaluates many aspects of overall building design aesthetics including: building's welcoming appeal; relations to local community; sunlight; color; texture; spatial flow; and natural environment.