Bibliography of Empirical Research Investigating the Relationship between the Physical Environment of Educational Settings and Educational Outcomes

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Reviews of the Research Literature


Bowers, J. Harold and Charles W. Burkett. 1989. “Effects of Physical and School Environment on Students and Faculty.” The Educational Facility Planner 26(1):28-29. Found test scores of 5th and 7th graders to be higher in modern school buildings. Also found decreased disciplinary action and increased self-concepts.


Burnett, Gary (July 1955). Overcrowding in Urban Schools (ERIC/CUE Digest, Number 107). New York: ERIC Clearinghouse on Urban Education. ED384682


Cash, Carol (1993). *A Study of the Relationship Between School Building Condition and Student Achievement and Behavior.* Unpublished doctoral dissertation. Blacksburg, VA: Virginia Polytechnic Institute and State University, pp. 1-124. In a sample of small rural Virginia high schools, test scores were found to be lower for students of low quality school buildings. Cosmetic factors seemed to have more of an effect on achievement than structural factors.


Frazier, Linda M. (May 1993). Deteriorating Facilities and Student Learning (ERIC Digest, Number 82). Eugene, OR: ERIC Clearinghouse on Educational Management. ED356564


Ketchum, J. (1964, November). These colors fir your school décor. *National’s Schools 61.*


Tinker, M.A. The effect of illumination intensities upon speed of perception and upon fatigue in reading. *Journal of Educational Psychology*, 30, 561-571(3), 12-16.


**Empirical Research Citations**


Doctoral dissertation, Oregon State University, Dissertation Abstracts International, 34, 1002A.


Valiant, Bob. August 1996. “The Brain and Learning: Turn on the Lights! Using What We Know About the Brain and Learning to Design Learning Environments” CEFPI Issue Trak. Discusses how to use our knowledge of brain based learning to design better educational facilities, thereby facilitating the natural learning process.


