# Learning Space Research



**Research Links** Clever Classrooms: Summary Report of the HEAD Project (holistic Evidence and Design) Optimal Learning Spaces: Design Implications for Primary Schools Visual Clutter Research The Impact of School Environments: A literature review The Neuroscience of Classrooms The Room Itself Is Active: How Classroom Design Impacts Student Engagement Books: Make Space: How to Set the Stage for Creative Collaboration Learning Spaces: EDUCAUSE The Third Teacher: 79 Ways You Can Use Design to Transform Teaching & Learning Inspiring Spaces for Young Children Evaluating Learning Environments: Snapshots of Emerging Issues, Methods and Knowledge Designs for Living and Learning, Second Edition: Transforming Early Childhood Environments Blueprint for Tomorrow: Redesigning Schools for Student-Centered Learning Websites:

UDL LEARNING SPACES IDEA KIT

Space to Learn- Ideas and inspiration for transforming learning spaces

Innovative Learning Environments & Teacher Change

Space Design for Active Learning Classrooms

99% Invisible: A Holistic Approach to Learning Space Design

Space for Learning- UK

Vanderbilt Space Research

For more information on learning space design, check out The Space: A Guide for Educators http://bit.ly/SPACEBOOK

For more information about design services and consultant, email Dr. Robert Dillon at rdillon25@gmail.com

#### Jisc Research Links

#### Educause

#### Creating Experimental Spaces

### **Journal Articles**

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- Dornhecker, Marianela, Jamilia J. Blake, Mark Benden, Hongwei Zhao, and Monica Wendel. "The Effect of Stand-biased Desks on Academic Engagement: An Exploratory Study." *International Journal of Health Promotion and Education* 53.5 (2015): 271-80. Print.
- Fisher, Anna V., Karrie E. Godwin, and Howard Seltman. "Visual Environment, Attention Allocation, and Learning in Young Children." *Psychological Science* 25.7 (2014): 1362-370. Print.
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- Gremmen, M. C., van den Berg, Y. H., Segers, E., & Cillessen, A. H. (2016). <u>Considerations for classroom seating</u> <u>arrangements and the role of teacher characteristics and beliefs</u>. Social Psychology of Education, 19(4), 749-774.
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- Hurth, J., Shaw, E., Izeman, S., Whaley, K., & Rogers, S. (1999). Areas of agreement about effective practices among programs serving young children with autism spectrum disorders. Infants and Young Children, 12(2), 17-26.

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## Other Essential Studies.

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http://www.eduweb.vic.gov.au/edulibrary/public/publ/research/publ/blackmore\_learning\_spaces.pdf.

Bottge, B., Rueda, E., & Skivington, M. (2006). Situating math instruction in rich problem-solving contexts: Effects on adolescents with challenging behaviors. Behavioral Disorders, 31(4), 394-407.

Byers, T., Imms, W., & Hartnell-Young, E. (2014). Making the case for space: The effect of learning spaces on teaching and learning. Curriculum and Teaching, 29(1), 5-19.

Fößl, T., Ebner, M., Schön, S., & Holzinger, A. (2016). A field study of a video supported seamless-learning-setting with elementary learners. Journal of Educational Technology & Society, 19(1), 321.

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Hattie, J. (2012). Visible learning for teachers. Abingdon: Routledge.

Painter, S., Fournier, J., Grape, C., Grummon, P., Morelli, J., Whitmer, S., & Cevetello, J. (2013). Research on learning space design: Present state, future directions. Ann Arbor: Society for College and University Planning.

Tanner, C. K. (2000). The influence of school architecture on academic achievement. Journal of Educational Administration, 38(4), 309-330. doi:10.1108/09578230010373598

Tanner, C. K. (2008). Explaining relationships among student outcomes and the school's physical environment. Journal of Advanced Academics, 19(3), 444-471.

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