

How to Make the Case for Flexible, Next Gen Classroom Design



Challenge

You've heard the buzz about "Starbucking" the classroom and wonder if you should give it a try. What are the key facts behind why this is a good idea?

Solution

A growing majority of educators agree that the traditional, one-to-many, transmission mode of teaching is outdated and many are restructuring classrooms for today's "constructivist" approach to learning. Critical to supporting this environment is the flexibility to deliver adaptable, active learning spaces and the integration of technology.

A growing body of research* demonstrates the significant impact of classroom design on student performance. Key findings include:

- Classroom design impacts student academic progress by +/- 25%
- The difference between the best- and worst-designed classrooms can account for a full year of academic progress
- 73% of the variation in student performance can be attributed to five design factors: color, choice, complexity, flexibility and light
- Flexibility is key: allowing for the ability to adapt to different activities and the needs of different users

Princeton University conducted a study concluding that: "The traditional transference model... is no longer effective at preparing engaged 21st-century citizens. Already, teachers are creating active learning environments that place students in small work groups to solve problems, create, discover together, encourage creativity and promote collaboration."**

What you'll need to create a 21st century learning space:

- ▶ **ViewSonic® collaborative technology**
 - Interactive displays
 - Interactive projectors
 - Retrofit interactive kits
 - Select LightStream® projectors
 - ViewBoard interactive software for Education
 - ViewSync® 3 interactive presentation gateway
 - ViewStick2 HDMI adapter/ Atuo projector
 - Solstice collaboration software
 - Huddle spaces – combine ViewSonic smart displays & content sharing to offer small group spaces for active learning
- ▶ **Flexible furnishings**
 - **Selective seating** – couches, floor pillows, bean bag chairs, and traditional chair/desk combos
 - **Mobility** – bookshelves and other wheeled furnishings that can be easily rearranged
 - **Collaborative configurations** – combine desks or use larger tables in place of individual workspaces
 - **Huddle spaces** – offer convenient group seating plus technology to facilitate small group collaboration and content sharing

*Sources: Study Shows How Classroom Design Affects Student Learning, Accessed 10.2.16 at: <https://www.fastcodesign.com/1671627/study-shows-how-classroom-design-affects-student-learning>, Barrett, Peter, et al., The impact of classroom design on pupils' learning: Final results of a holistic, multi-level analysis, Published July 2015 in Building and Environment. Accessed 10.3.16 at: <http://www.sciencedirect.com/science/article/pii/S0360132315000700>.

**Source: https://www.princeton.edu/provost/space-programming-plannin/SCCD_Final_Report_Appendix_B.pdf