

Don't forget the furniture



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Policy

STRATEGIC LEVEL



Daily Experience

HUMAN LEVEL





daily experiences + policy



Learning experiences
are inherently spatial.

Strickland, 2013

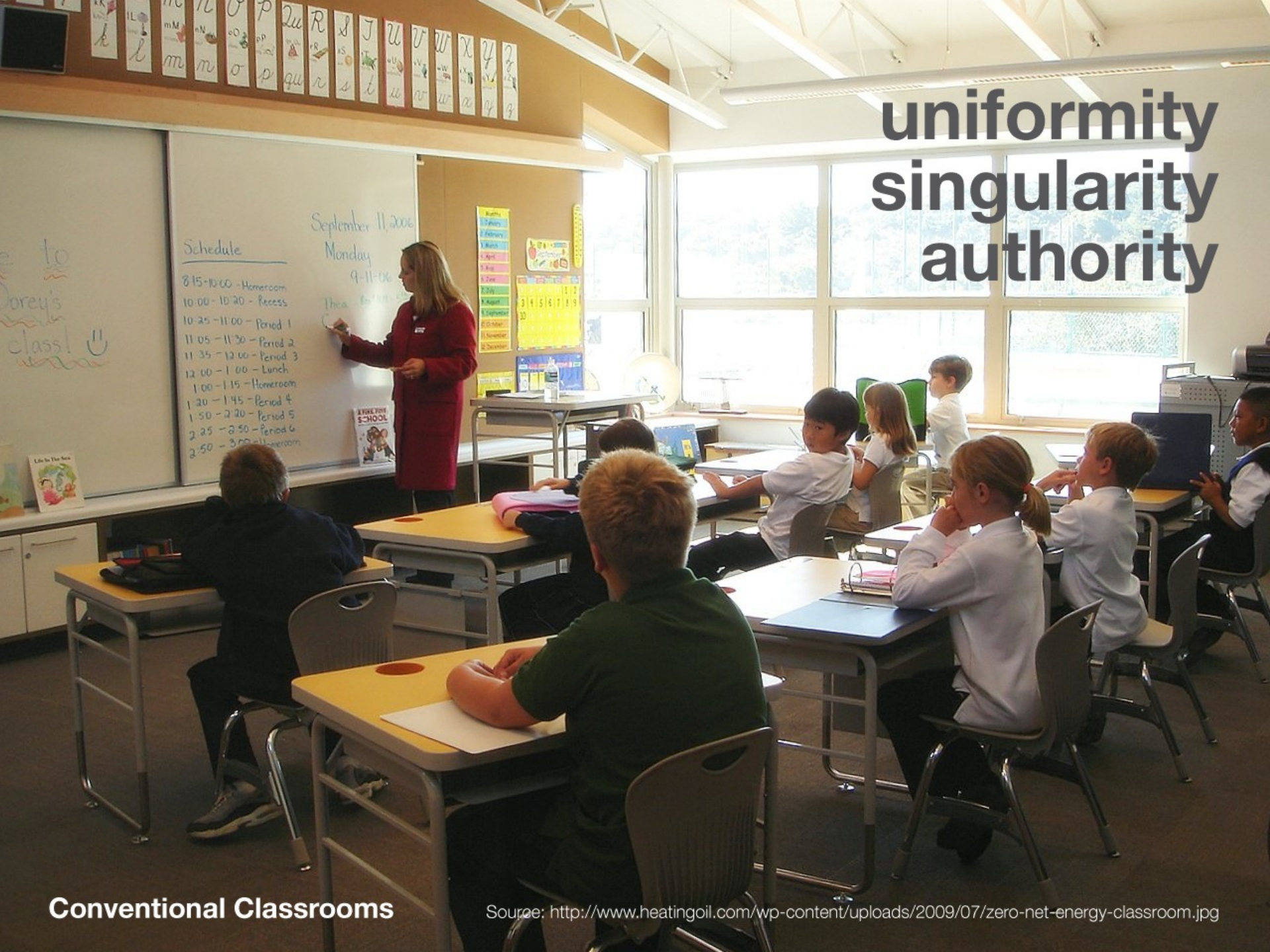
1907



2007



**uniformity
singularity
authority**



Conventional Classrooms

Source: <http://www.heatingoil.com/wp-content/uploads/2009/07/zero-net-energy-classroom.jpg>

LEaRN Study

University of Melbourne

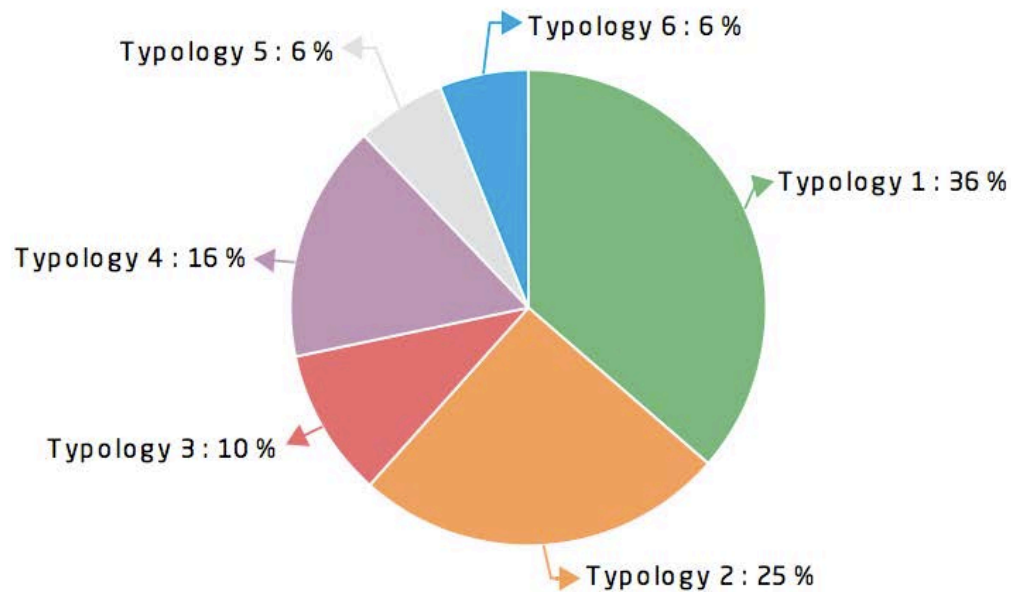
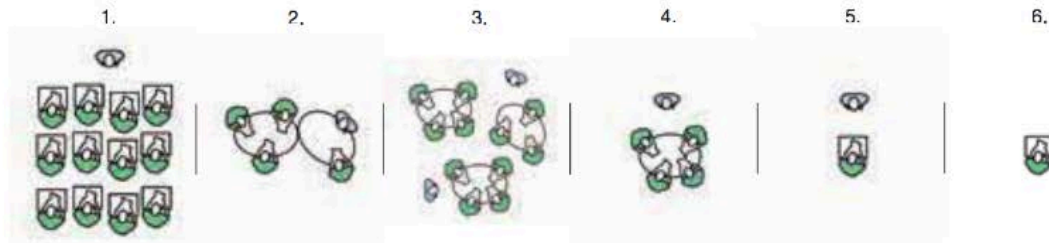



Figure 5: Typology of teaching approaches (n=822).



**Global
Complex
Interconnected**

A photograph of a classroom with several students sitting at white desks. The students are engaged in various activities, some looking at papers, others talking. The classroom has a whiteboard in the background with some writing on it. Above the whiteboard, there are several flags hanging from the wall, including the Spanish flag, the Portuguese flag, the Italian flag, the Finnish flag, and the Union Jack. The text is overlaid on the left side of the image in a large, white, sans-serif font.

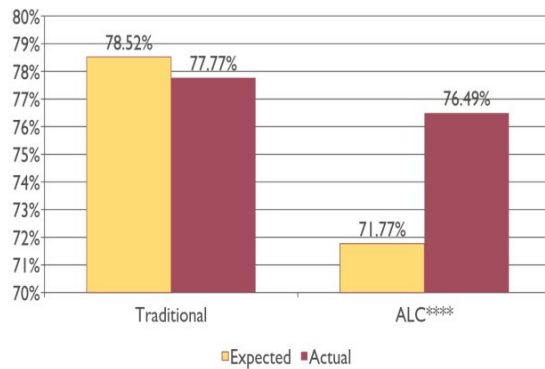
problem-based learning
project-based learning
experiential learning
phenomena-based learning
team-based learning
inquiry-based learning
deeper learning
learner-centered learning



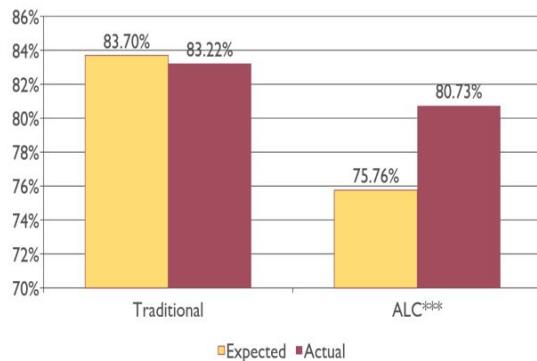
UNIVERSITY OF MINNESOTA

01 Students outperformed grade expectations

Expected vs. Actual Grades
(BIOL 1003), Traditional vs. ALC

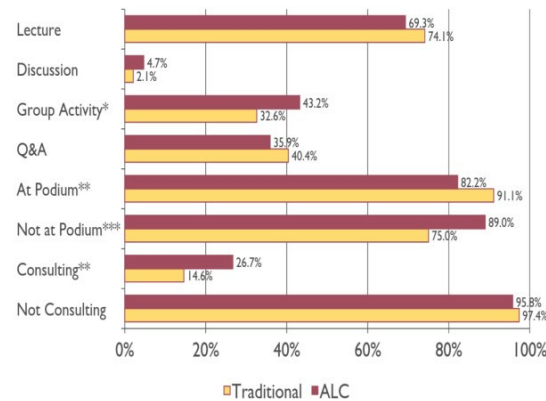


Expected vs. Actual Grades
(PSTL 1131), Traditional vs. ALC

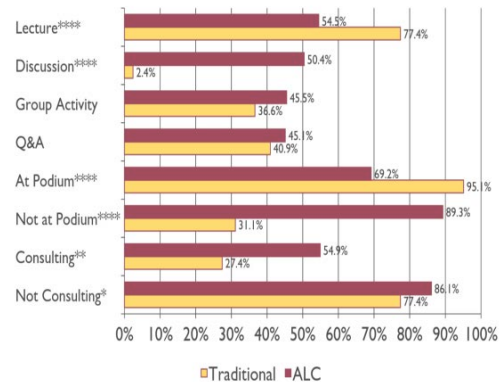


02 Changed instructor behaviour

Interval Frequency of Observed Classroom
Activity/Instructor Behavior
(BIOL 1003), Traditional vs. ALC

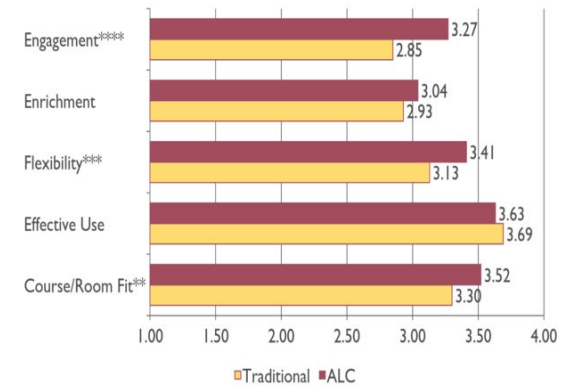


Interval Frequency of Observed Classroom Activity &
Instructor Behavior
(PSTL 1131), Traditional vs. ALC

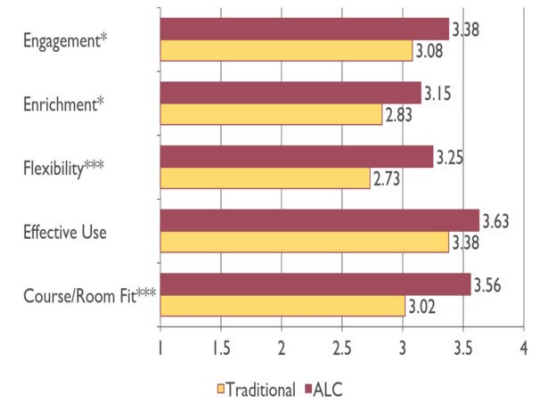


03 Improved student perceptions of learning experience

Student Perceptions of Classroom Impact (BIOL
1003), Traditional vs. ALC

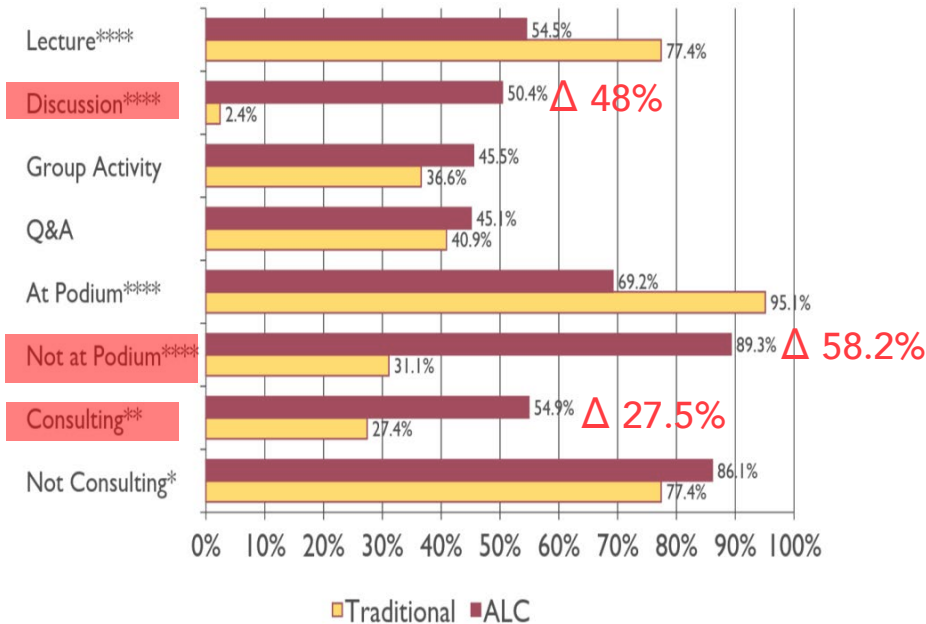


Student Perceptions of Classroom Impact (PSTL
1131), Traditional vs. ALC



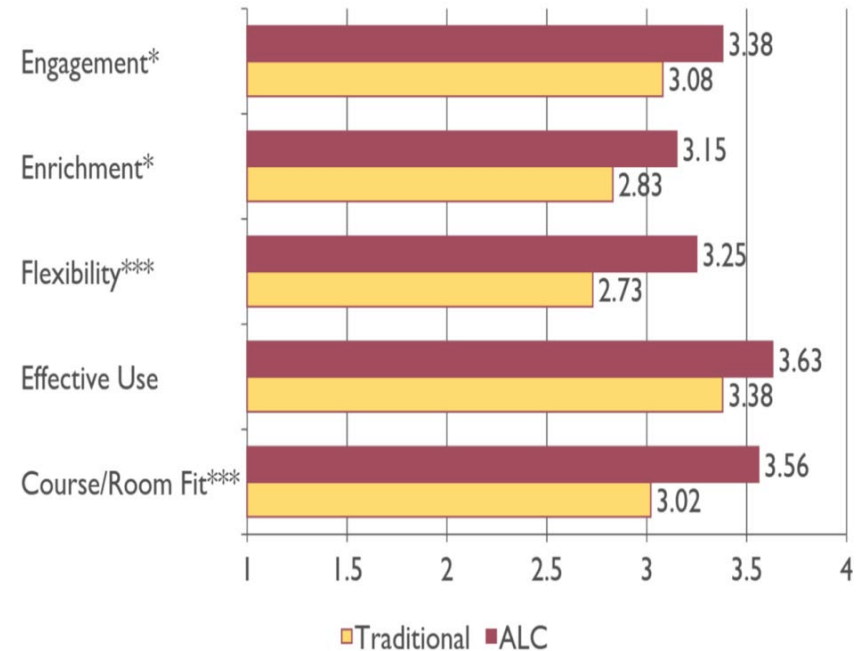
02 Changed instructor behaviour

Interval Frequency of Observed Classroom Activity &
Instructor Behavior
(PSTL 1131), Traditional vs. ALC



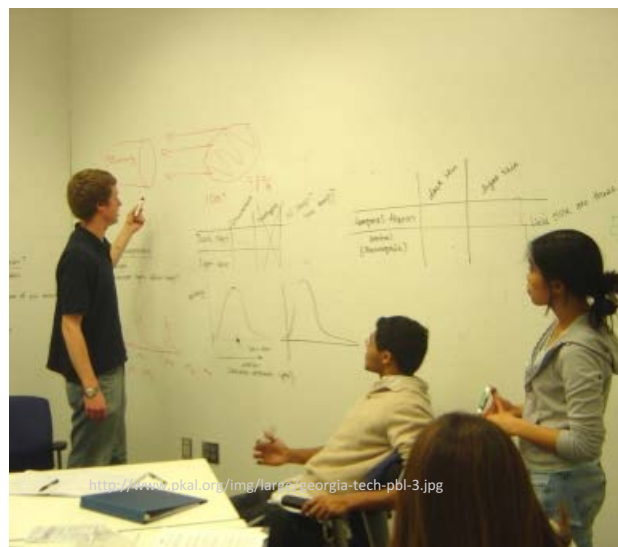
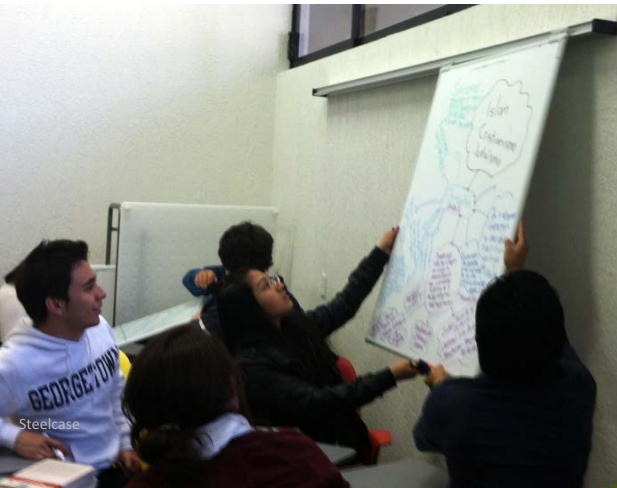
03 Improved student perceptions of learning experience

Student Perceptions of Classroom Impact (PSTL
1131), Traditional vs. ALC



problem-based learning

a teaching method in which students gain knowledge and skills by working for an extended period of time to investigate and respond to an authentic, engaging and complex question, problem, or challenge.” Buck Institute for Education, 2017



CIDO

University of Melbourne



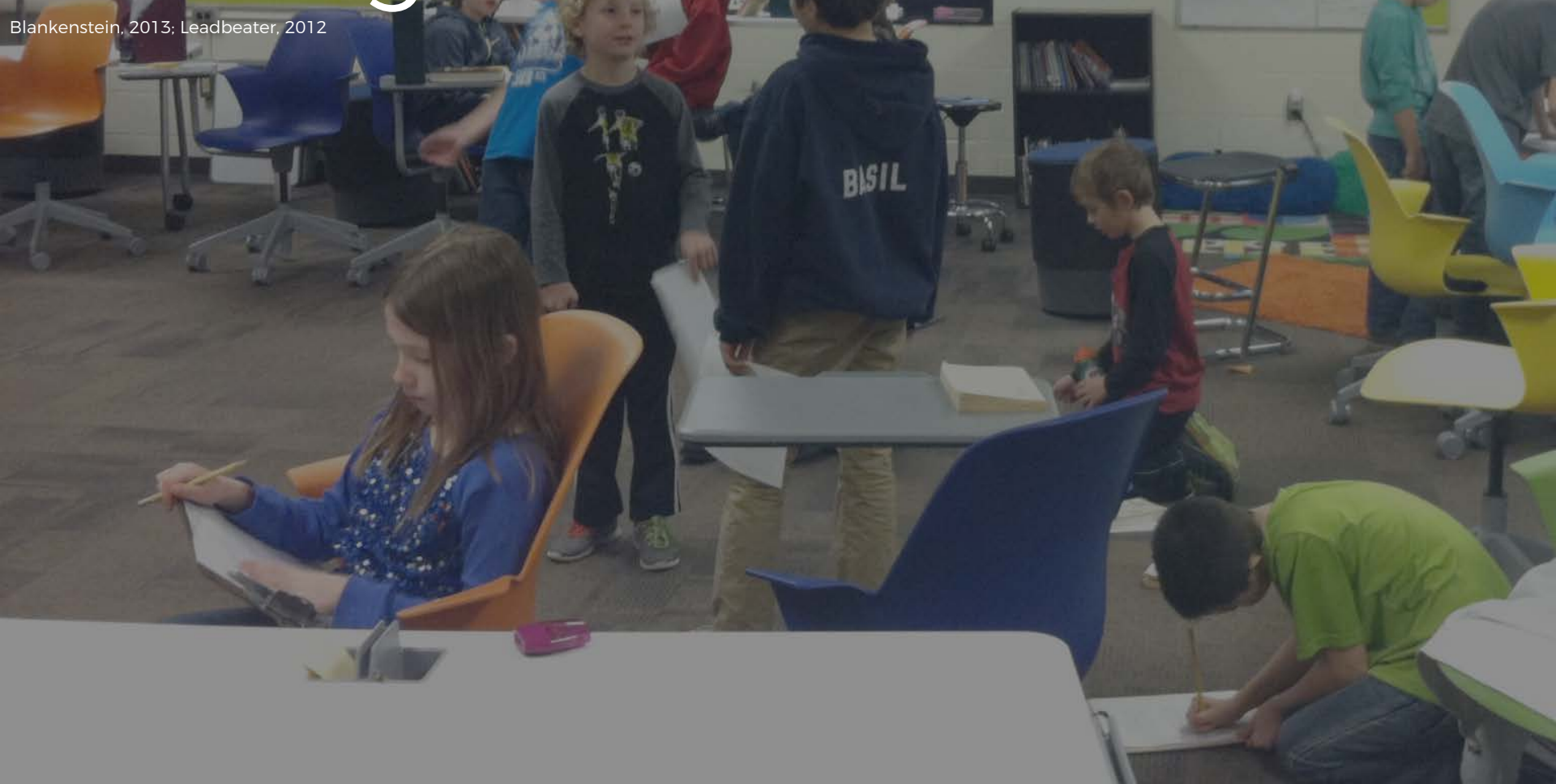
A photograph of two students, a man and a woman, sitting at a round table in a library. The man is wearing a green hoodie and jeans, and the woman is wearing a green cardigan over a patterned top and jeans. They are both looking at a red smartphone held by the woman. A grey backpack with brown straps is on the floor next to the man's chair. In the background, there are bookshelves filled with books. The text "Secure relationships + student-to-student interactions enhance learning." is overlaid on the left side of the image in a large, white, sans-serif font.

Secure relationships
+ student-to-student
interactions enhance
learning.

Jacobs, 2013; Cozolino, 2013

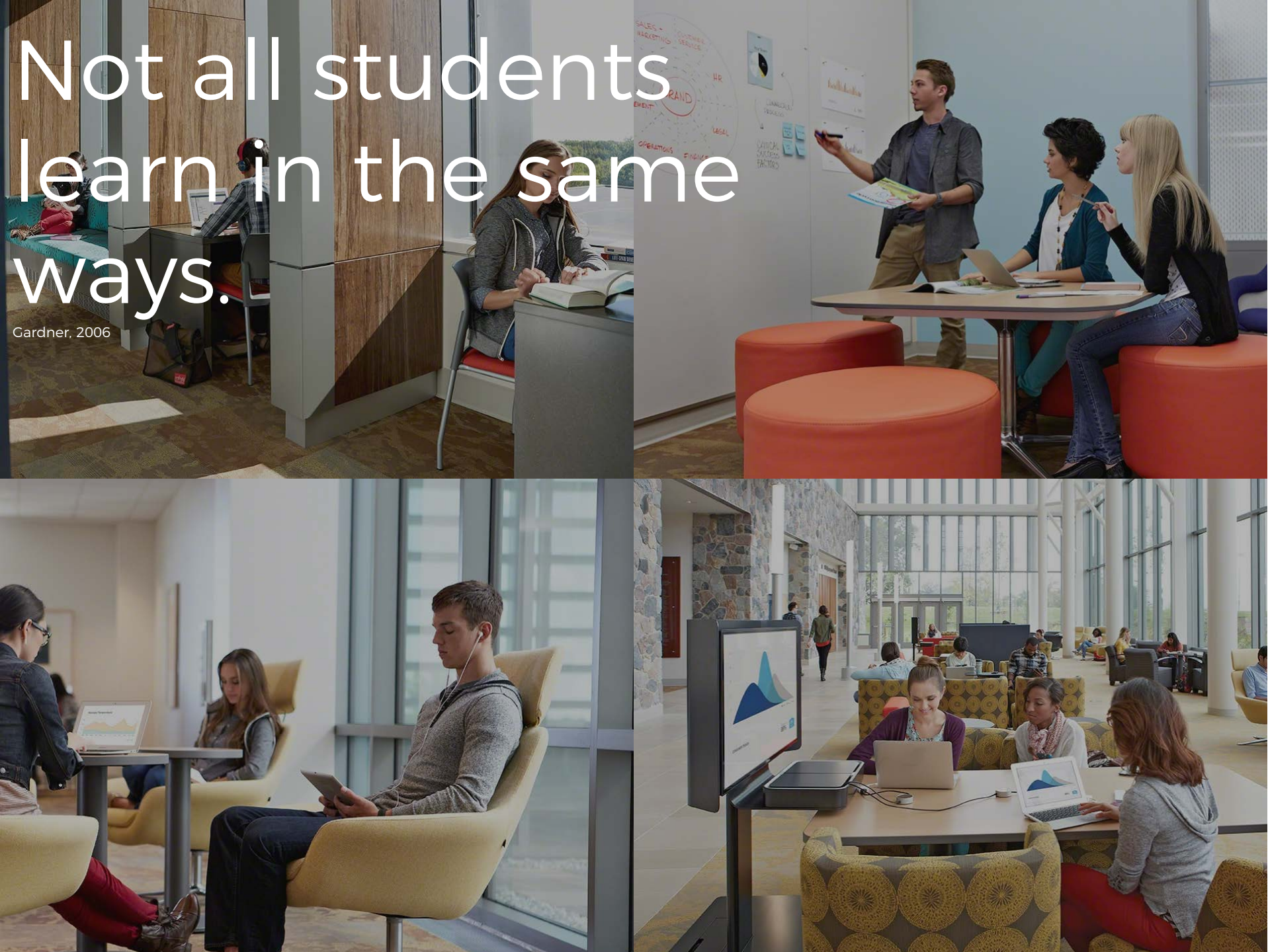
Physical movement is important to learning.

Blankenstein, 2013; Leadbeater, 2012



Not all students learn in the same ways.

Gardner, 2006



Skill Building Spaces

Collaboration



Original layout



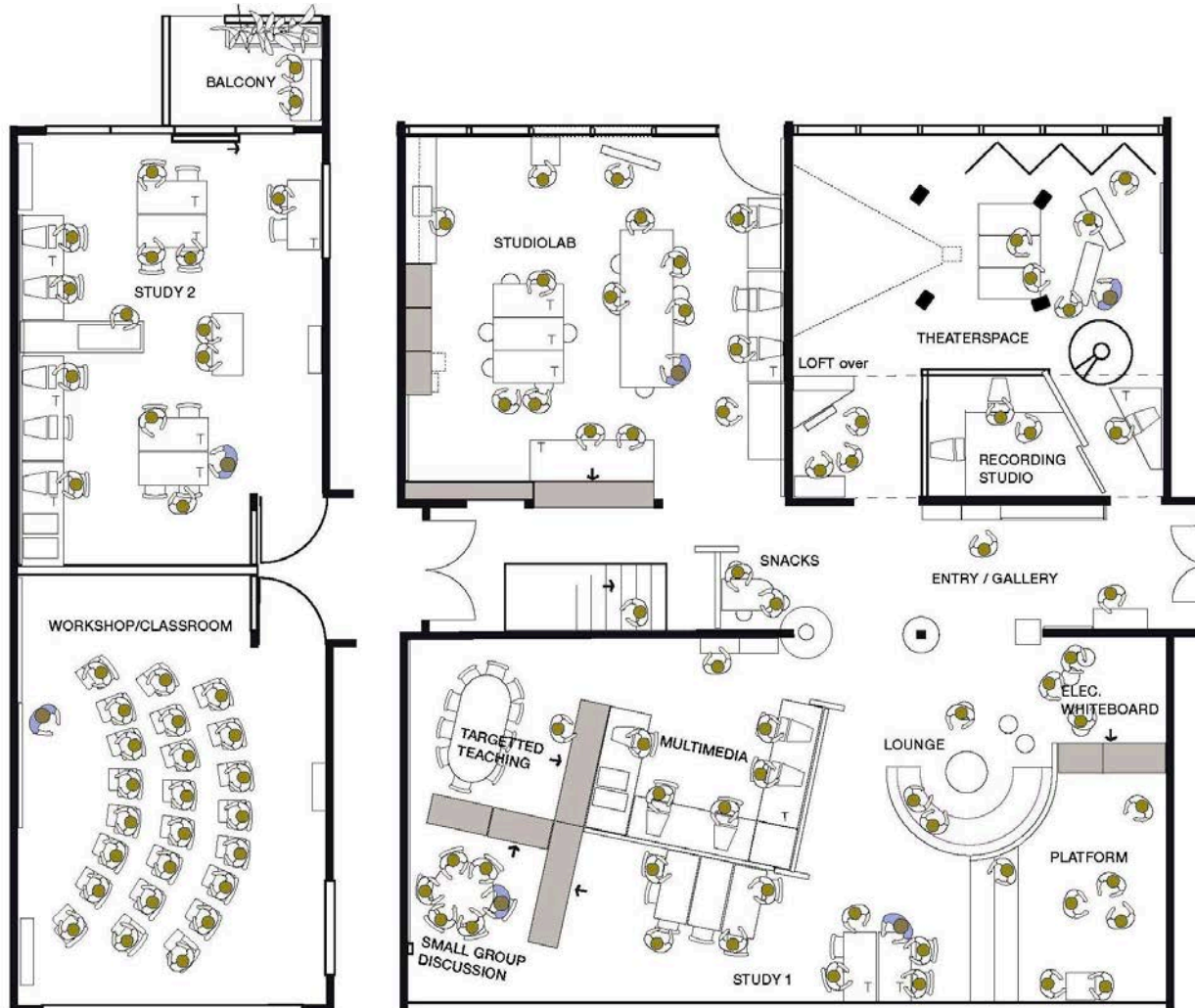
Updated layout



Grades 5/6 Unit - Wooranna Park Primary School
designer: Mary Featherston

Skill Building Spaces

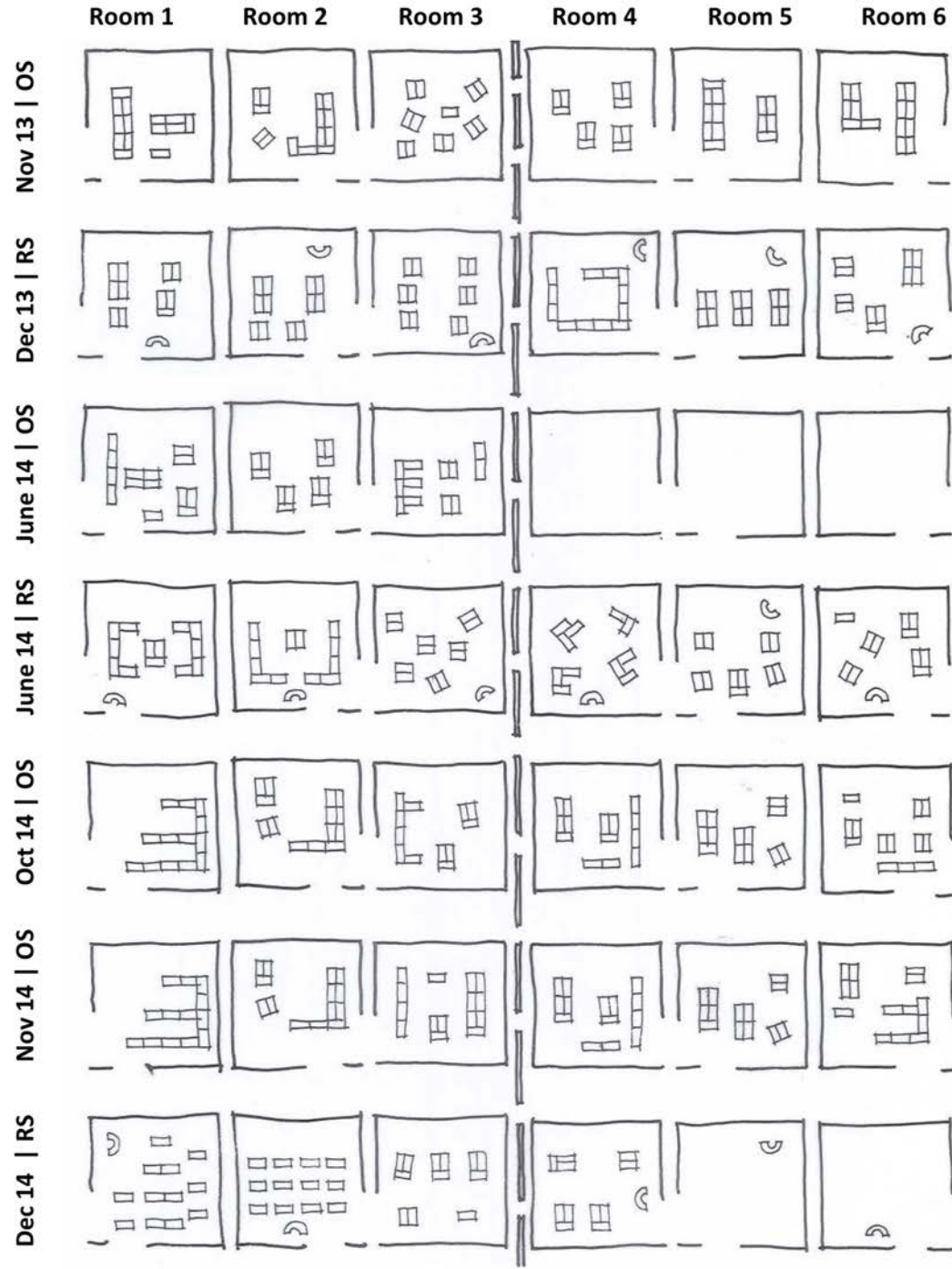
Student Agency



Schools start resembling modern work environments.



Teachers
actively
change
furniture
for different
learning
activities.



The built environment shape everyday learning experiences.





Partners



Australian Government

Australian Research Council

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**AUSTRALIAN
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SCHOOL**



**Catholic Education
Diocese of Parramatta**



Churchie.



A SOUND EFFECT ON PEOPLE



Government of South Australia
Department for Education and
Child Development



Education



New Zealand Government

Te Kāwanatanga o Aotearoa



**Queensland
Government**



WOODLEIGH school
A Catholic independent school

**IT'S HOW
WE CONNECT**



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INNOVATIVE LEARNING
ENVIRONMENTS AND
TEACHER CHANGE

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