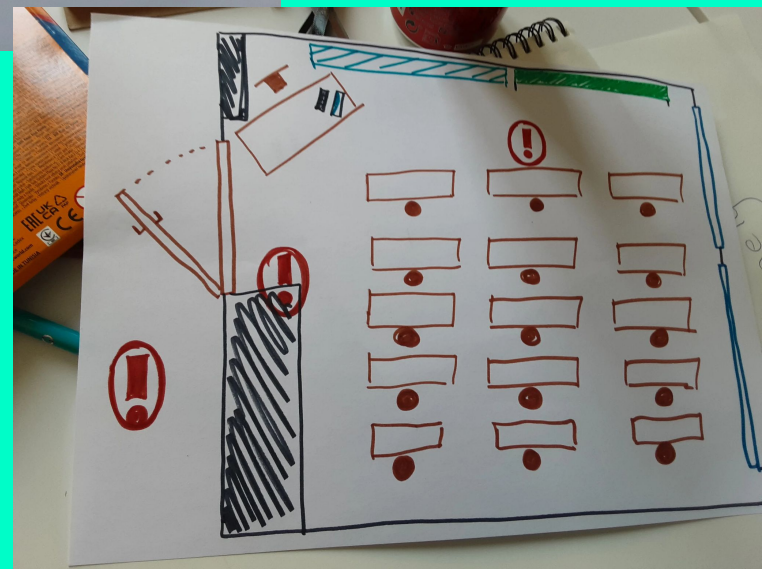
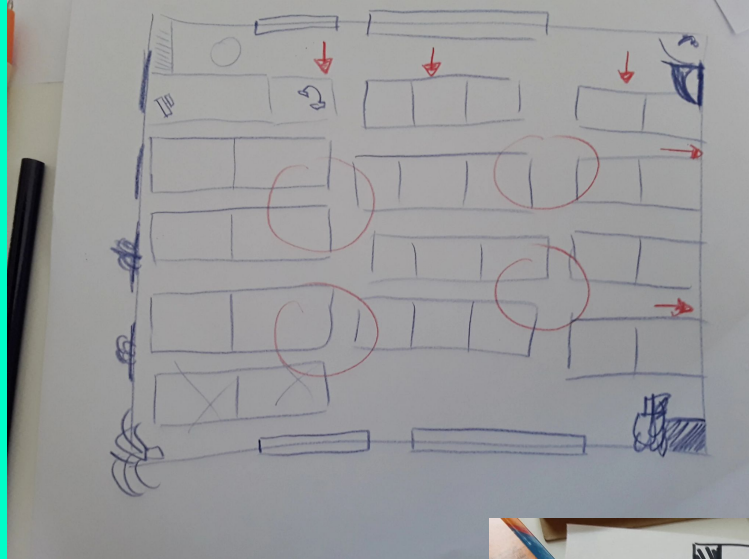


"DESIGN LEARNING SPACES FOR THE 21ST CENTURY CLASSROOM"

Barcelona, 4th/8th July

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
PRESENTAZIONI E APPROFONDIMENTO STUDENT-CENTERED LEARNING	14:30-15:30 The flexibility of the learning space: 5 elements of pedagogically versatile	9:30-11:00 The hybridity of learning space: The Model of Hybridized Personal	9:30-11:00 A participative approach to design learning spaces	9:30-11:00 Collaborative lab: We will design together a learning space that suits the learning needs and pedagogical	ATTIVITA' CULTURALE A SCELTA
	15:30-15:45 Break	11:00-11:15 Break	11:00-11:15 Break	LABORATORIO COLLABORATIVO	
15:45-17:15 Icebreaker activities Presentations of the participants' schools	FLESSIBILITA' COME CARATTERISTICA DI SPAZIO INNOVATIVO	15-12:45 Differentiating learning spaces to support personalized learning	11:15-12:45 The importance to get	Cultural activities	
17:15-17:30 Break		CARATTERISTICHE DI SPAZIO IBRIDO	COME COINVOLGERE GLI STUDENTI NEL DESIGN DELLO SPAZIO SCOLASTICO		12:45-13:00 Break
17:30-19:30 Teacher-centered vs. Student-centered learning Built pedagogy: how	17:30-19:30 Several case studies from the Future Classroom Lab of European			13:00-14:30 Course evaluation: round up of acquired competences, feedback, and discussion	
		Finland: "Kaksio 56" and other European countries	up the conversation with students and fellow teachers to get them involved in		



IL SETTING DELLE NOSTRE CLASSI

BISOGNI DELLO STUDENTE

PER UN APPROCCIO CENTRATO...

NON SOLO PER IL PRESENTE MA PER IL SUO FUTURO



The 4Cs

- › Critical Thinking
- › Communication
- › Collaboration
- › Creativity



- Guided Inquiry
 - Coding Challenges
 - Project Based Learning
-

CRITICAL THINKING

- 
- Illustration of a classroom setting. A green chalkboard is the central focus, displaying a list of communication methods. To the left of the chalkboard is a large red heart. In front of the chalkboard is a wooden desk with an open book and a yellow cup. The entire scene is framed by a grey border.
- › Accountable Talk
 - › Video Production
 - › Social Media Use
 - › Skype Calls
 - › Blogs
 - › Wikis
 - › Podcasts

COMMUNICATION

- 
- An illustration of a classroom scene. In the background is a large green chalkboard with a black border. On the desk in the foreground is an open book and a yellow cup on a saucer. The entire scene is framed by a thick grey border.
- › Inquiry Circles
 - › Design Thinking Teams
 - › iEARN Global Collaborations

COLLABORATION

- Genius Hour
 - Makerspaces
 - Design Thinking
 - STEM/STEAM Challenges
-

CREATIVITY



isolated

disconnected

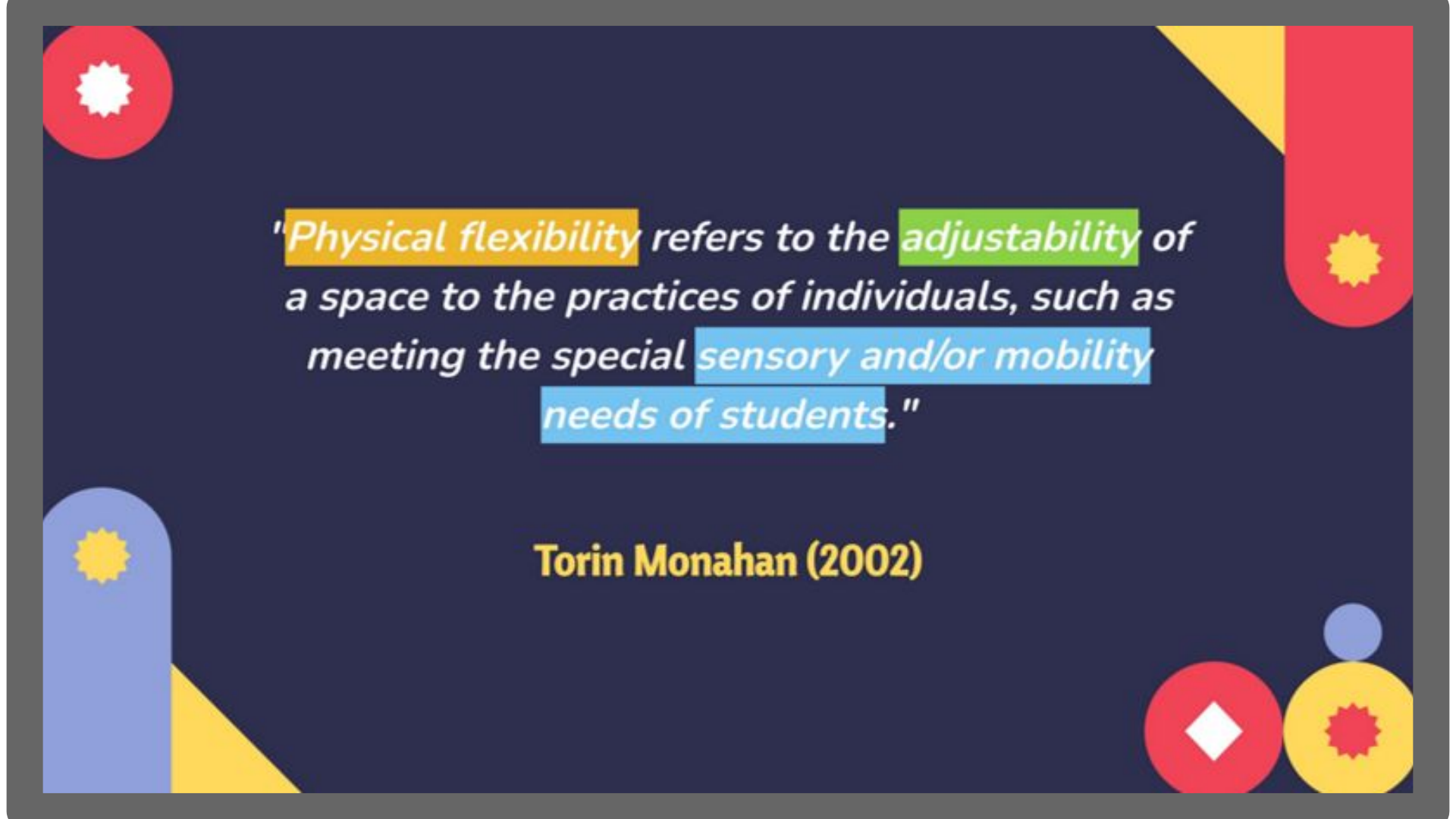
bored

disengaged

daydreamers

asleep





"Physical flexibility refers to the adjustability of a space to the practices of individuals, such as meeting the special sensory and/or mobility needs of students."

Torin Monahan (2002)

5 properties of flexibility of learning spaces



Fluidity



Space for flows of individuals, sight, sound and information



Versatility



Space that allows multiple uses, e.g. Multi-purpose rooms



Convertibility



The ease of adapting educational space for new uses



5 properties of flexibility of learning spaces



Scaleability



Space for expansion or contraction



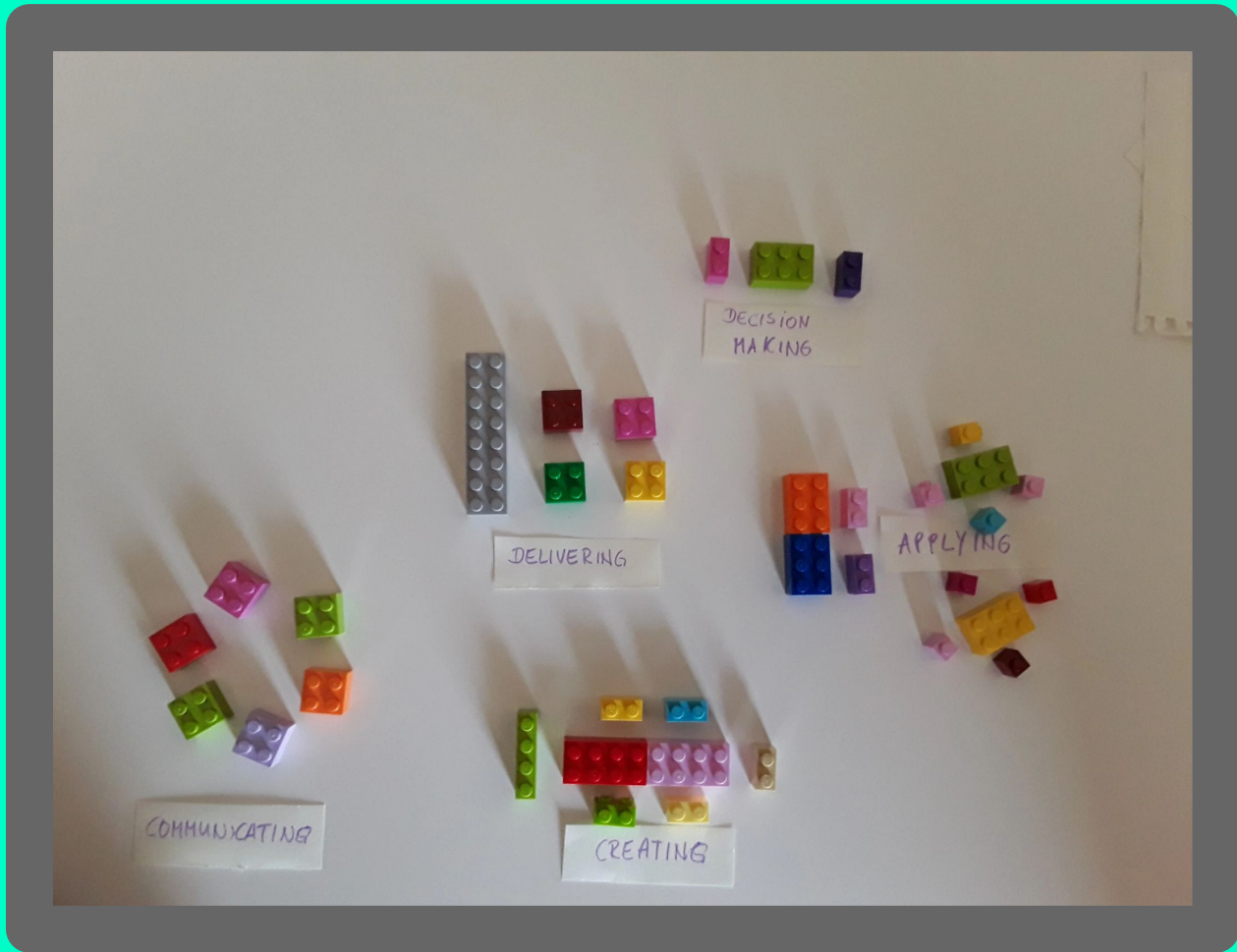
Modifiability

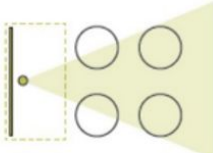
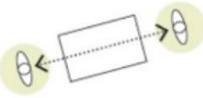
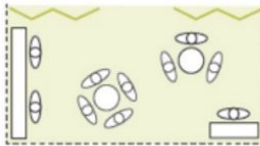
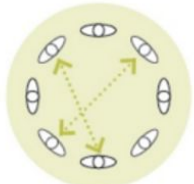
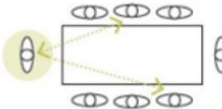


Space invites active alteration and appropriation with imagination.







pedagogical activity	pedagogical attribute	process steps	behavioural premise	spatial icon
delivering	Formal presentations Instructor controls presentation Focus on presentation Passive learning	Prepare & generate presentation Deliver to an audience Assess understanding	Bring information before the public Instructor lead Knowledge is in one source	
applying	Controlled observation One-to-one Master & apprentice alternative control Informal Active learning	Knowledge transferred via demonstration Practice by recipient Understanding achieved	Learner-centered Apprentice model	
creating	Multiple disciplines Leaderless Egalitarian Distributed attention Privacy Casual Active learning	Research Recognise need Divergent thinking Incubate Interpret into product / innovation	Innovation or knowledge moved from abstract to a product	
communicating	Knowledge is dispersed Impromptu delivery Casual Active learning	Organise information Deliver Receive & interpret Confirm	Share information Provide quick exchange	
decision making	Knowledge is dispersed Information is shared Leader sets final direction Situation is protected Semi-formal to Formal Passive / active learning	Review data Generate strategy Plan Implement one course of action	Make decisions	

3 reasons for flexibility of learning space

1

Ubiquitous technology

Classroom incorporates the use of both physical and virtual space.
E.g. blended learning approach

2

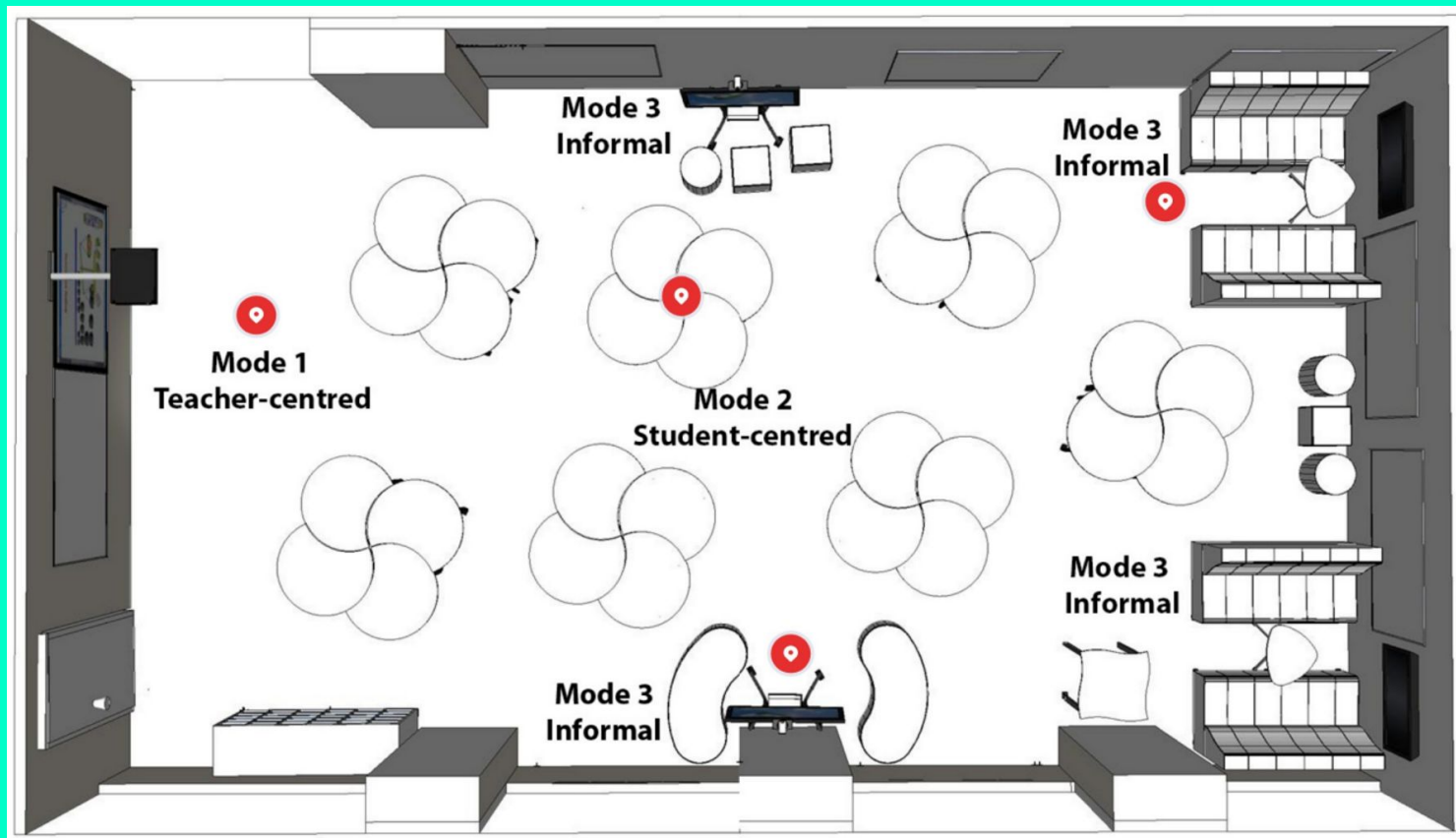
Collaborative learning

Flexible learning space allows easy movement and facilitates interactions among students and teachers.

3

Personalized learning

Students can modify the learning space to fit their needs, strengthening student autonomy.



CASI DI STUDIO



FLEXIBLE SEATING

CASI DI STUDIO - AULA CON SPAZI DEDICATI



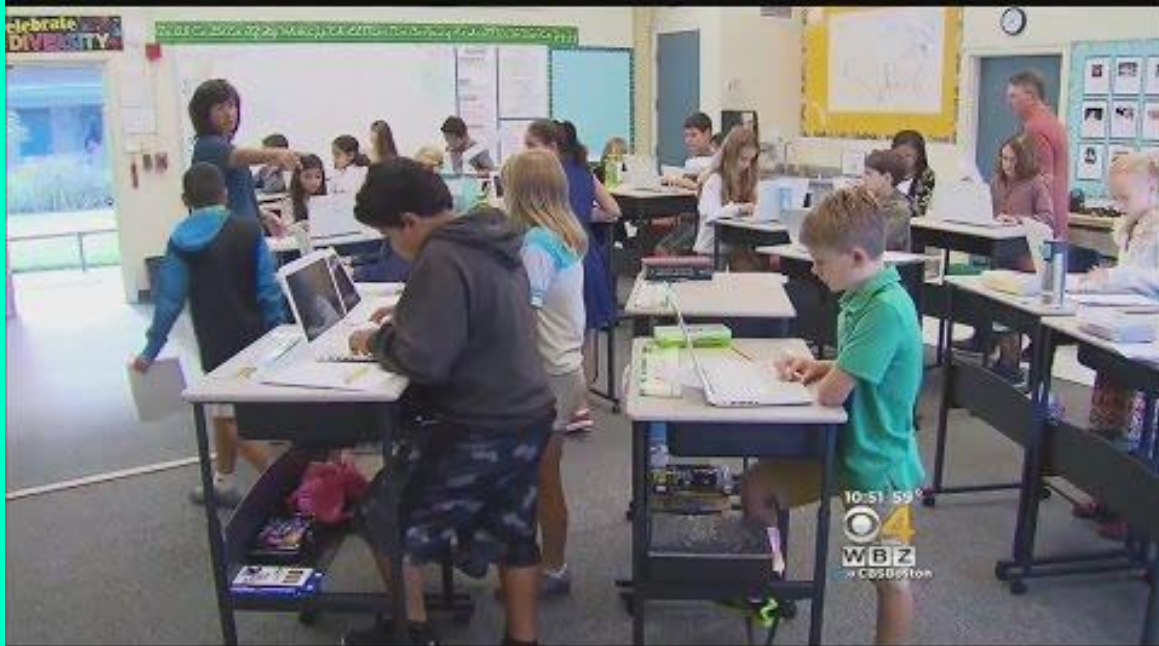
FLEXIBLE SEATING

CASI DI STUDIO- BAMBINI CON APPRENDIMENTO PREVALENTEMENTE CINESTETICO



STOOLS AND STANDING DESKS

FLEXIBLE SEATING



STANDING DESKS - PRIMARY SCHOOL OF SAINT RAPHAEL - CALIFORNIA

FLEXIBLE SEATING

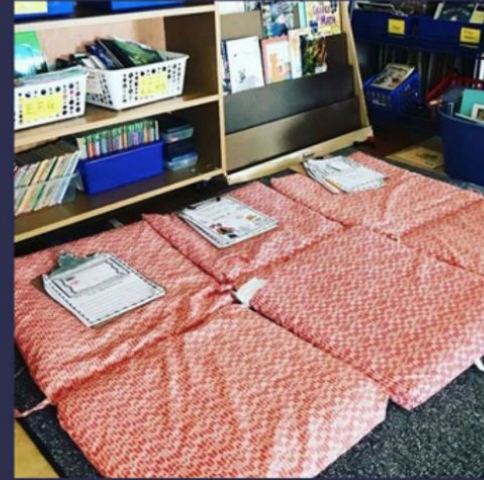


You don't always need expensive furniture for flexible seating. The key is providing options!

CASI DI STUDIO

FLEXIBLE
SEATING

Cushions or Mats & low tables



Modifiable, fluid, convertible

CASI DI STUDIO

FLEXIBLE
SEATING

Scoop chairs



Light weight, easy to drag and move
Great back support
Rocking to keep body moving and for mind
concentration

CASI DI STUDIO

FLEXIBLE
SEATING



POPLAR TREE ELEMENTARY SCHOOL - VIRGINIA (USA)



FLEXIBLE
SEATING

FLATIRONS ELEMENTARY SCHOOL (USA)

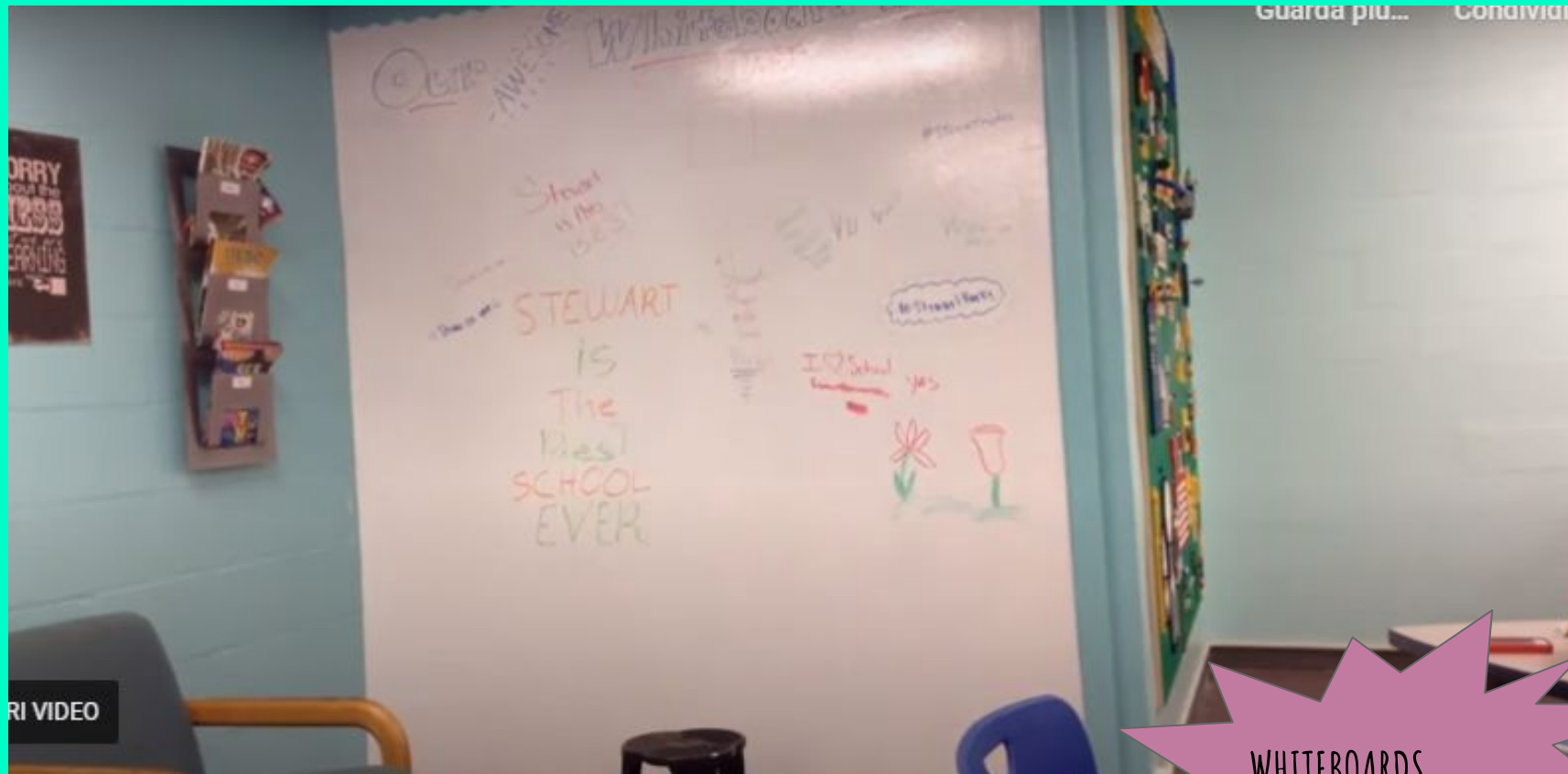


FLEXIBLE
SEATING



MOBILE WHITEBOARDS

WHITEBOARDS



WHITEBOARD WALL

WHITEBOARDS

KALATASAMA COMPREHENSIVE SCHOOL - FINLAND



DESK LESS LEARNING

INCLUSIVE
SPACES

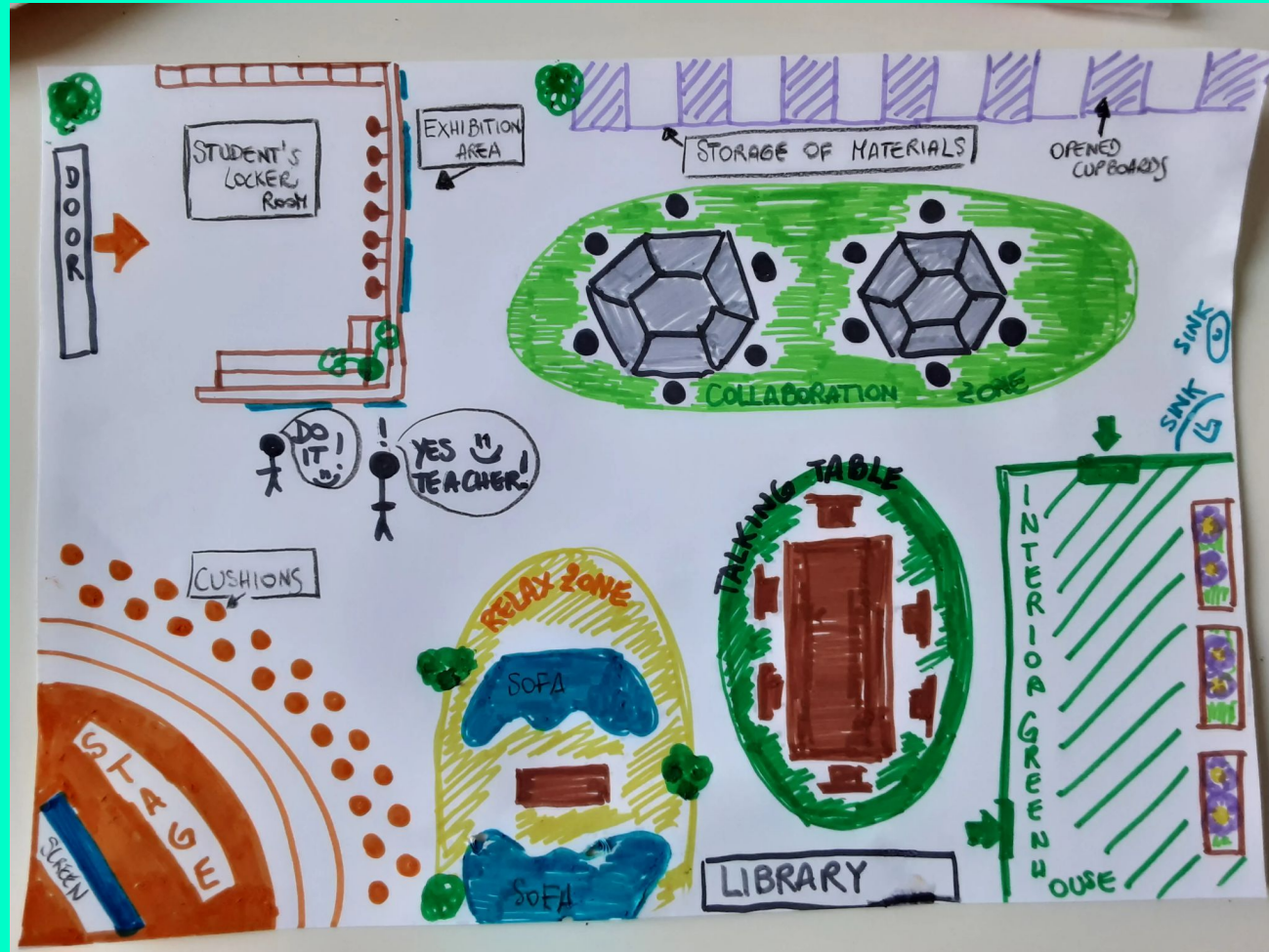


"FUTURE" CLASSROOM

Design Learning Spaces for the 21st Century

Final Project

Design the CLASSROOM
OF YOUR DREAMS



"DON'T MAKE A
DECISION ABOUT
STUDENTS
WITHOUT STUDENTS"