

Investigación en Tecnología y Educación

Ioana Cristea, Ph.D.

Universidad de California, Santa Bárbara

icris@ucsb.edu



Agenda

1. Why technology in education?
2. “How To:” Solutions



Let's go back in time

...and then back to the present









Today's Classroom Challenge: Getting students to pay attention and be interested in your subject

...think about when you were a student

What did you like?

There was not the technology we have today, but you probably appreciated any “cool” teacher that came up with something innovative that you felt allowed you to escape the routine school days

Old School VS. New School

20th Century

21st Century

Time-Based
Textbook-Driven
Passive Learning
Teacher-Centered
Fragmented Curriculum
Printed Assessments
Print
Isolation
Facts & Memorization



Outcome-Based
Research-Driven
Active Learning
Student-Centered
Integrated Curriculum
Multiple Forms of Assess.
Multimedia
Collaboration
Higher-Order Thinking

21st Century Schools, 2010


Part of the Problem

The Factory Method of Education



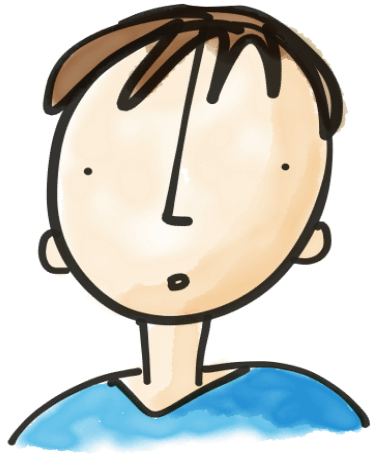
So, why is **creativity** so important?

Purpose of School

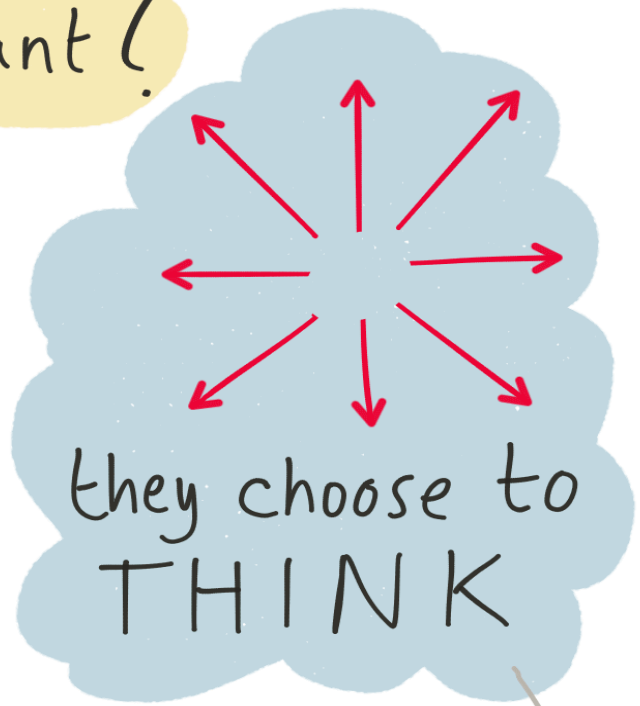


Prepare Students for a world we can't envisage

So when they're **STUCK** with something



they've never **SEEN** before



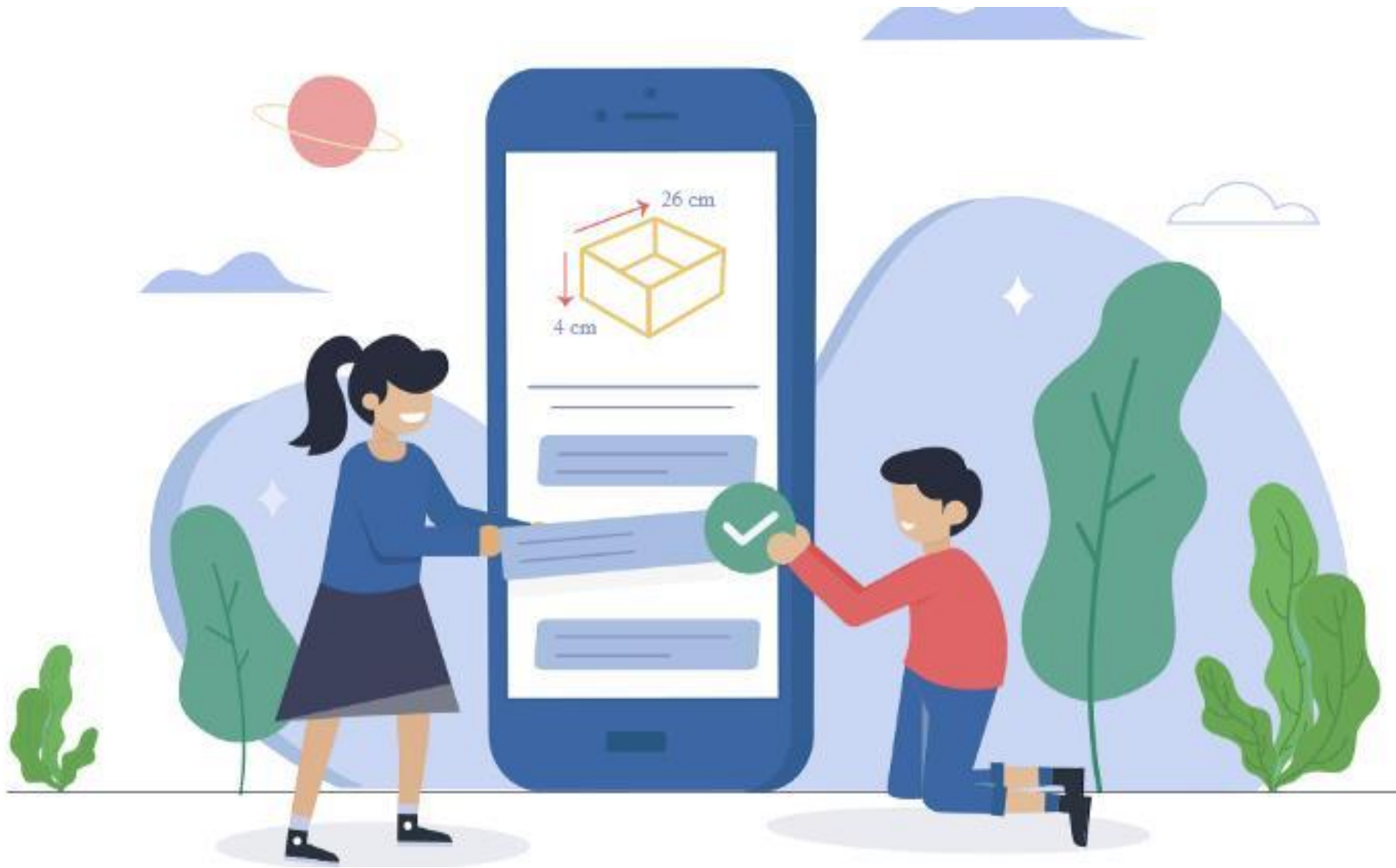
they choose to **THINK**



Instead of **REMEMBER...**



Thought:
Dylan Wiliam



How to Effectively Use Technology

When technology initiatives fail:

- Teachers think they are going to be replaced
- Teachers are not capacitated to use the technology
- No follow-up involved

How technology initiatives succeed:

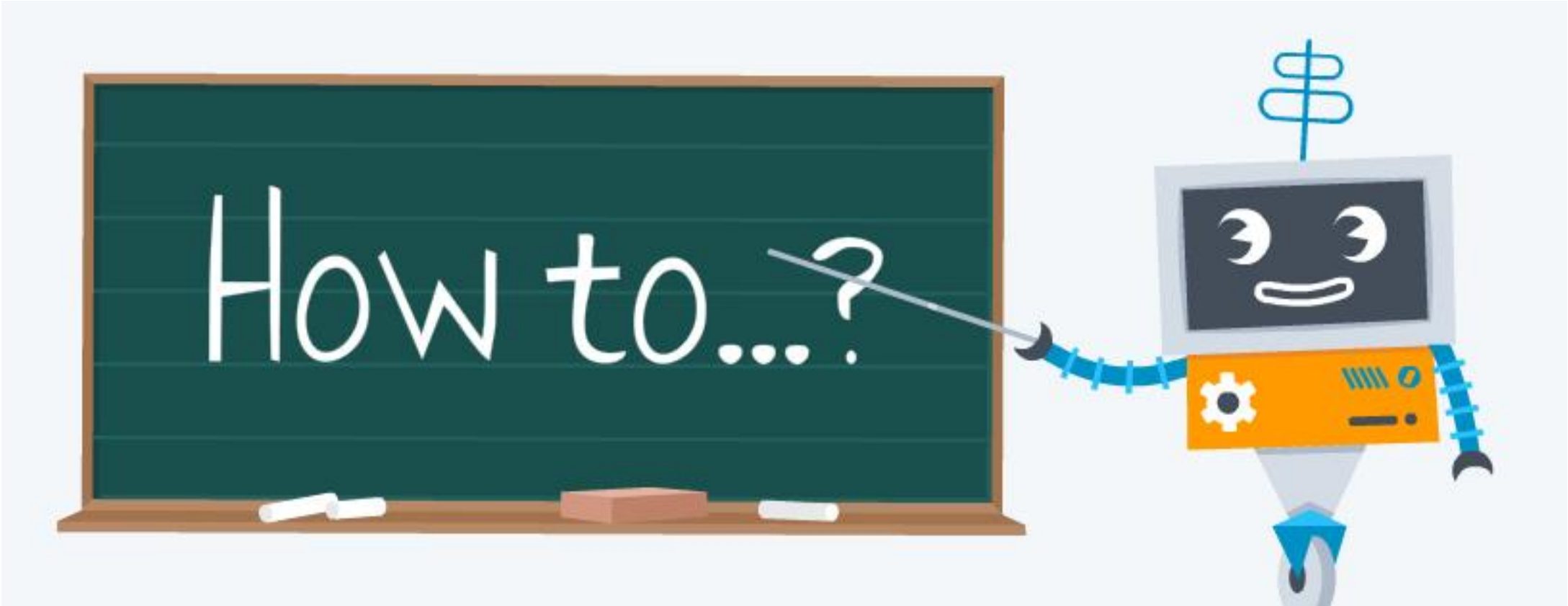
- “User Experience” in education: Teachers should talk to students to identify gaps
- Technology should be seen and designed as a teacher's assistant and be used as “support”



How Using Technology can Help

- **“First aid” in curing attention deficit in the classroom:**
 - Turning students from consumers to producers of information
 - Turning professors from teachers to facilitators and coaches





What can we do?

1

Online Learning Platforms

2

Case-Based Learning

3

Project-Based Learning

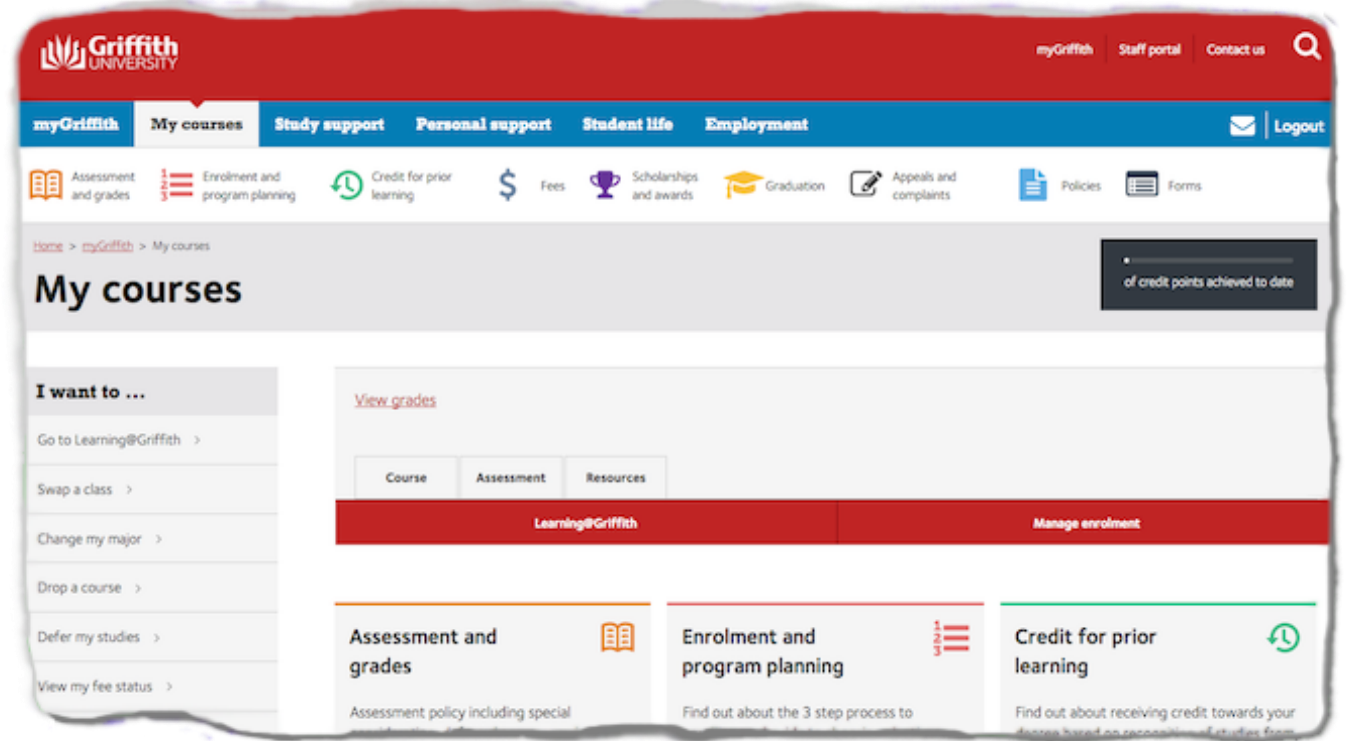
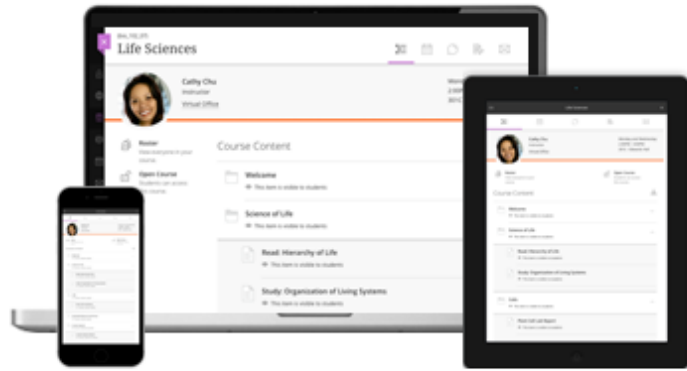
4

Simulation-Based Learning

1

Online Learning Platforms customized by teachers to facilitate and improve communication with students and to ease students' preparation before classes by pre-uploading all materials ahead of time.

learning
 technology
 digital
 classroom
 virtual
 online
 edtech
 mobile
 flipped
 whiteboard
 educators
 1:1
 Bring
 Gamification
 platform
 open
 asynchronous
 individualized
 Flipped
 Interactive
 Classroom
 differentiated
 adaptive device
 PBL electronic
 e-learning
 personalized
 Technology
 environment
 virtual
 ipad
 Podcast
 Instructional
 Environment
 synchronous
 massive
 videos
 vlog
 approach
 Social
 VLE
 blended
 Teachers
 Inquiry-based
 Blog
 share
 lab
 BYOD
 EdTech
 Project-based
 informal
 course
 lifelong
 Media
 e-book
 Device





What is GauchoSpace?

GauchoSpace is the learning management system for UCSB courses and projects built using Moodle, an open source learning platform. Instructors can create online sites for posting course materials, creating student assessment activities and to communicate with students. [Read more here.](#)



Tannder Easy

En Tannder Easy vive una nueva experiencia de aprendizaje virtual y trasciende la frontera del conocimiento.

[INFORMACION](#)[VER VIDEO](#)

TANNDER BUSINESS



TANNDER EASY



TANNDER SCHOOL





Case-Based Learning by actively involving students in the analysis of company rooted scenarios to help them develop and/or improve crucial decision-making skills.

Case Study





Project-Based Learning so that students can use their acquired new knowledge and skills for finding solutions to real-world problems and challenges.



4

Simulation-Based Learning to improve students' knowledge and develop skills to tackle complex problems with the help of virtually generated scenarios.



GlobalDNA® is an **applied learning experience** in the complexities of **international business strategy**. Tactical decisions include the basics of product design, production, marketing and finance interwoven with **specific considerations for global operations**—including customization for local needs, marketing for **different customer requirements, tariffs, shipping, currency fluctuations, outsourcing opportunities** and more.

An **easy-to-navigate online interface** guides students through the simulation—kicking off with a **complete onboarding program**, based on fictional case studies and including **dynamic feedback for effective learning**.

GlobalDNA is ideal for international business, global strategy, and global marketing courses. It has the flexibility to be **used in the classroom, online or both** depending on your course structure.

HERE WHEN YOU NEED US

Capsim is dedicated to your success. **One of our client relationship consultants will be assigned to you** to help you and your students. Contact us any time throughout the entire simulation process. We'll be glad to help. **Let's get started!**

877.477.8787

+1.312.477.7200 (outside North America)
welcome@capsim.com



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capsim.com

GDNA-A 05/19/15



Regional Details

2017 Market Size
Budget/Performance: 5838 / 3195

2017 Total Units Sold
Budget/Performance: 973 / 533

Exchange Rate: \$1.00 = \$1.00
Tariff: 0.0%
Shipping: \$0.00

Regional Expenditures

Regional Promo: \$0
Regional Sales: \$0
Regional Marketing: \$0

Products

Selling product in Americas: YES
Cust.Satisfaction: 23.7
Primary Segment: Performance

Price: \$31.00 (2017) / \$30.00 (2018)
Local Price: \$31.00 / \$30.00

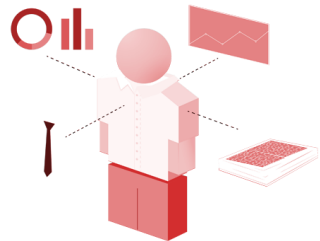
Forecast: Worst Case 1,000 / Best Case 2,000 / Actual 1,505 / Total \$8,713 / \$5,353

Summary of Products Sold in Region

	Price (USD)	Worst Case	Best Case	Awareness	Accessibility	Product Expenditures	Regional Expenditures (per Product)
Able	\$30.00	1,000	2,000	70%	42%	\$4,000	\$0
Total							



CAPSIM® 
Unforgettable Business Learning



4 Steps for Designing a Learning Experience

1. **Engage** and interact with students and other faculty in discussions
2. **Dare** to experiment
3. **Assess** the learning progress of the students periodically
4. **Seek** support from other faculty and feedback from students

Experiment: Blended Learning



What will we do?

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Project-Based Learning

4

Simulation-Based Learning

GRACIAS

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