Empowering the student of tomorrow
• Who is the student of yesterday?

• Structure over organized/sub organized Ziehe

• Who is the student of tomorrow?

• Mindset. Unlearn

• Where do we want them to go, who do we want them to be?

• Empowering how:

• 21st century skills: teaching methods

• Horizon 2020
Before we get started…
how do you empower yourself?
• Excellence
• Discipline
• Honour
• Tradition

From "Dead Poet Society"
The student of today
Thomas Ziehe:

Self World Focus:
What do I like, what don’t I like?

Self-observation:
How do others perceive me?
What I'm worth? How much am I accepted?
How much am I loved?

Addiction to the net and popular culture:
The virtual world is a window to the world
Prove ones existence (selfies).
Never alone
John Dewey

“If we teach today's students as we taught yesterday's, we rob them of tomorrow.”
The student of tomorrow

http://www.earth2045.com
assertiveness  
caring  
cleanliness  
commitment  
compassion  
confidence  
consideration  
cooperation  
courage  
courtesy  
creativity  
detachment  
determination  
diligence  
enthusiasm  
excellence  
flexibility  

forgiveness  
friendliness  
generosity  
gentleness  
helpfulness  
honesty  
honor  
humility  
idealism  
integrity  
joyfulness  
j ustice  
kindness  
love  
loyalty  
moderation  
modesty  

orderliness  
patience  
peacefulness  
perseverance  
purposefulness  
reliability  
respect  
responsibility  
self-discipline  
tact  
thankfulness  
tolerance  
trust  
trustworthiness  
truthfulness  
understanding  
unity
Motivation
I don't have enough time.

I need to teach the test.

I need to teach using the textbook.

I don't have enough resources.

I need more training.

I have always successfully taught this way.

I might lose control of the class.
“The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn”

Alvin Toffler
Ten things teachers have to unlearn:

- Teachers know all the answers
- Teachers have to be in control of the class
- Teachers are responsible for the learning
- Students are obliged to respect teachers
- Learning can be measured by a letter or a number
- Teachers should plan activities and the assessments
- Learners need to sit quietly and listen
- Technology integration is optional
- Worksheets support learning
- Homework is an essential part of learning
21st century skills in the classroom

• Critical thinking
• Problem solving
• Innovation
• Creativity
• Communication
• Collaboration

10 minutes:
Will enhancing these skills empower and prepare our students for the future? Or do we need to rethink 21st century skills?

Discuss in groups, write keywords on post-its with marker
Student-Centered Teaching
Project-Based Teaching
Challenged-Based Teaching
Problem-Solving skills
Technology and Multimedia
Student teams
Student-centered teaching methods

- Shift the focus of activity from the teacher to the learners
Project-Based Learning

- Closer to real life
- Deeper learning

- Enhances skills as
  - problem-solving,
  - communication,
  - decision-making
  - creativity
THE NEW LEARNING MODEL

participatory
Learner centric: student as consumer and producer of knowledge

authentic
Assessment of learning grounded in reality: outcome driven learning; learning that lasts beyond the test

flexible
Multi-modal in format: catering to different learning styles and different life styles
We have initiated a process of change!!

About 13,000 people have given us 56,000 ideas and proposals we have reflected on the horizon
Horizon 2020- project in Barcelona:

New approach to organize teaching:

- Up to 60 students in one class
- Project-based. Around 11 projects a year.
- Three teachers on the class:
  - Humanistic
  - Science
  - Creative

These teachers ONLY teach this class.
We can summarize the problems of model...

<table>
<thead>
<tr>
<th>School failure</th>
<th>Vital failure</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ A % of students who do not reach basic knowledges</td>
<td></td>
</tr>
<tr>
<td>▪ This failure can be measured</td>
<td></td>
</tr>
<tr>
<td>▪ A % of students who do not achieve the skills and competencies to develop themselves as individuals in the world in which they live</td>
<td></td>
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</tbody>
</table>

The school teaches, but the student does not learn
<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
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</thead>
<tbody>
<tr>
<td>Project</td>
<td>Math</td>
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<td>Math</td>
<td>Project</td>
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<td></td>
<td>English</td>
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<tr>
<td></td>
<td>Other subject</td>
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<td>Other subject</td>
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<tr>
<td>Project</td>
<td>Project</td>
<td>Project</td>
<td>Project</td>
<td>Project</td>
</tr>
</tbody>
</table>
Welcome, motivate, share, transmit, open...

Beginning and end of the day reflection

Farewell, looking up, thank, awareness...
Objectives and evaluation of the week

1. Goals we set during the week.
2. How to reach them...
3. Procedures that will be used...

1. Have we achieved the objectives?
2. Difficulties we have found...
3. What and how have we learned?
4. Do we need help?
How to empower the student of tomorrow:

Be a role model

Be authentic

Be optimistic

What would be your approach?

https://www.youtube.com/watch?v=ONMRPwbjKwk

https://www.youtube.com/watch?v=-p7G28ssJ50

https://www.youtube.com/watch?v=mrX3QI31URA
AARHUS 2017

WELCOME TO AARHUS 2017 AND OUR YEAR AS EUROPEAN CAPITAL OF CULTURE

Empowerment
before we leave the room


• https://www.youtube.com/watch?v=nyl5dj-PNfw