

Participatory Teaching Methods in Online Learning Environments

Wageningen University and Research, the Netherlands



What is covered in this workshop?

- Important points before we start
- Getting to know each other
- What kind of graduates do we need?
- How to adopt our education for qualified graduates?
- Do we need replacement or transformation of education?
- Participatory teaching methods
- How to make our education fun and exciting yet rich?
- How to summarize key points in a form of evaluation?
- Questions and answers



Important points

Word of thanks

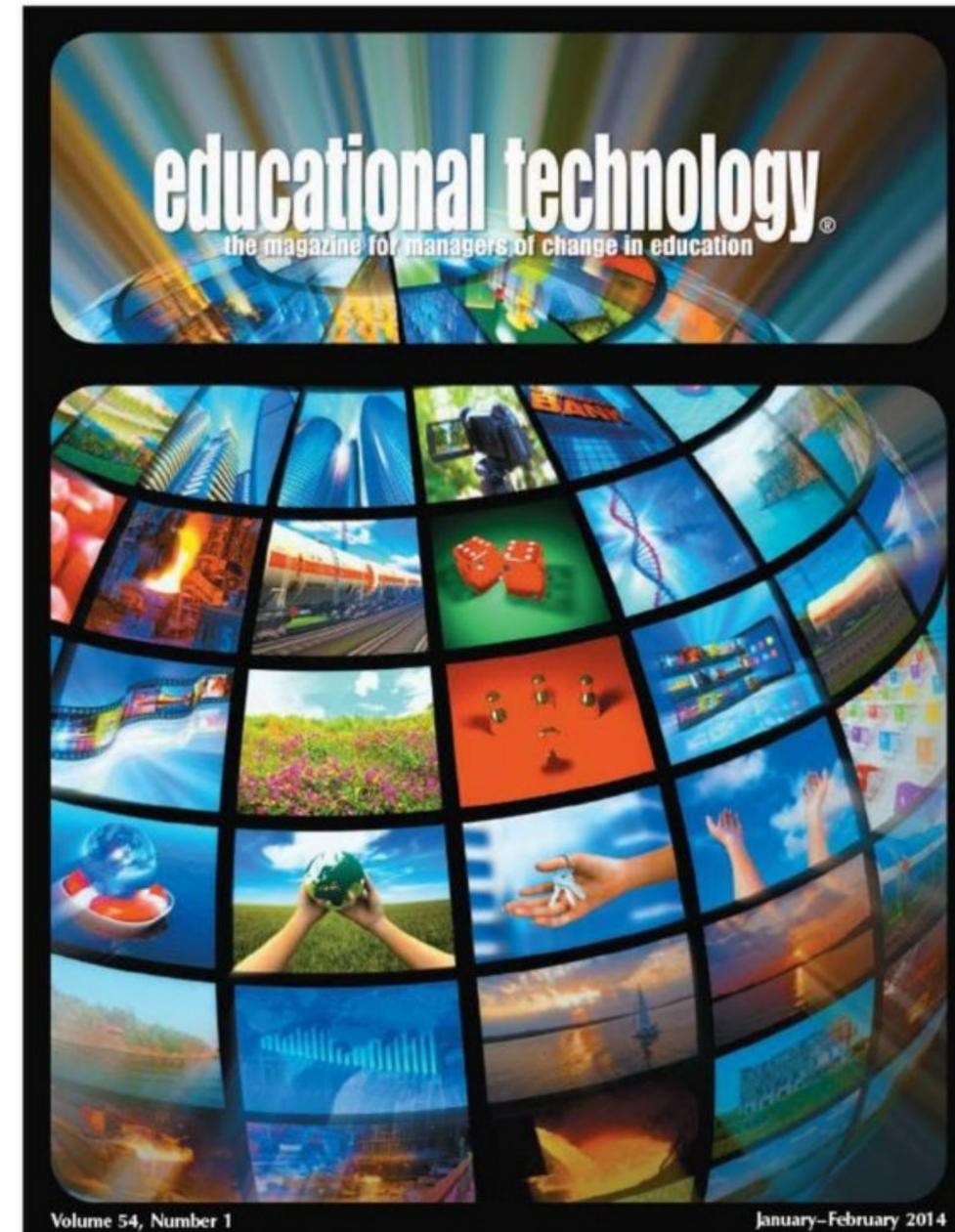
Workshop for online and F2F education?

Participatory workshop?

Slides in English

Mobile phone next to you!

Your attention tested!



Who are we?



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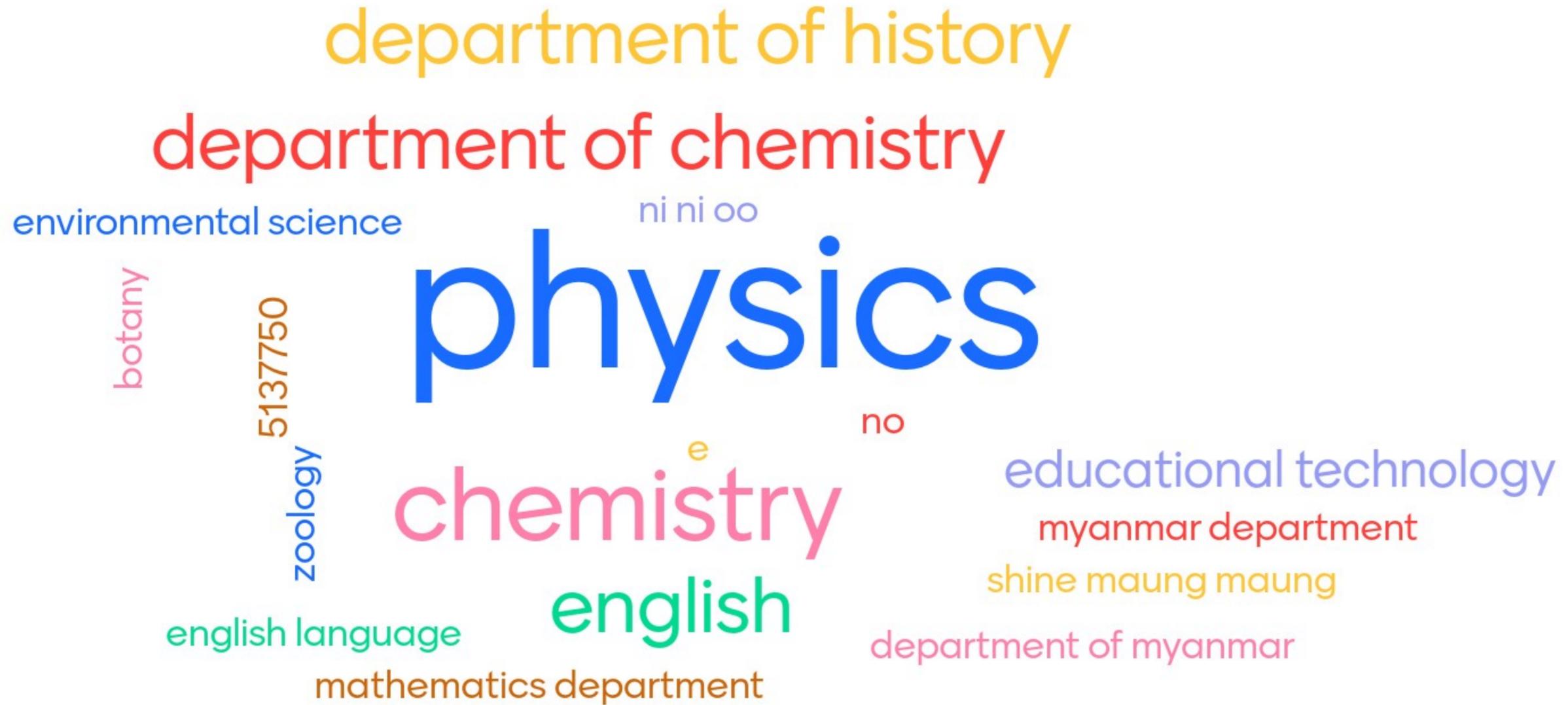


WUR Ranking Worldwide

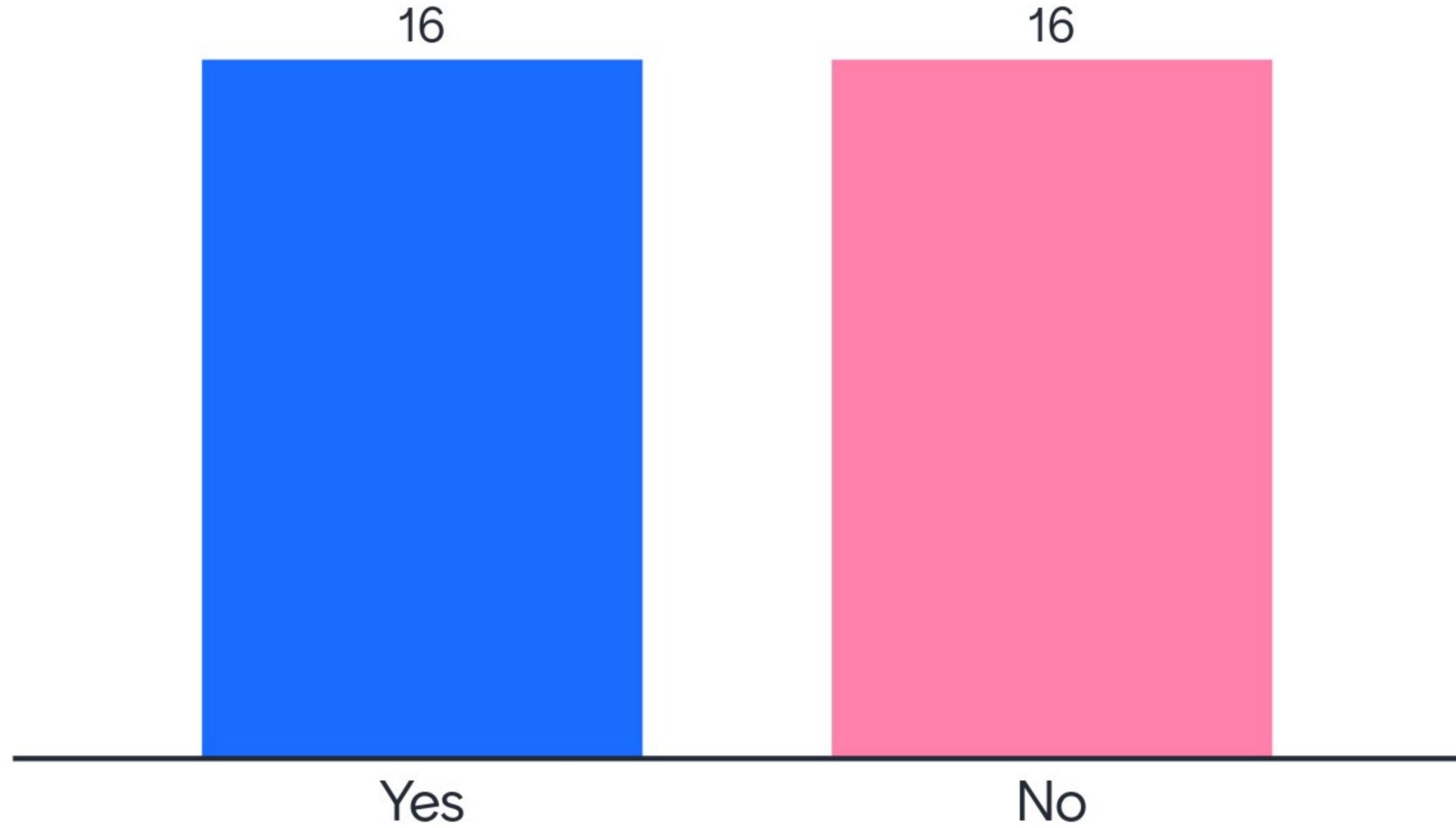
- Ranks # **1** in agriculture, forestry, environmental sciences world wide
- Always among top 10% International University Rankings
- Ranks # **1** for education for >15 years in Netherlands

THE WORLD
UNIVERSITY
RANKINGS

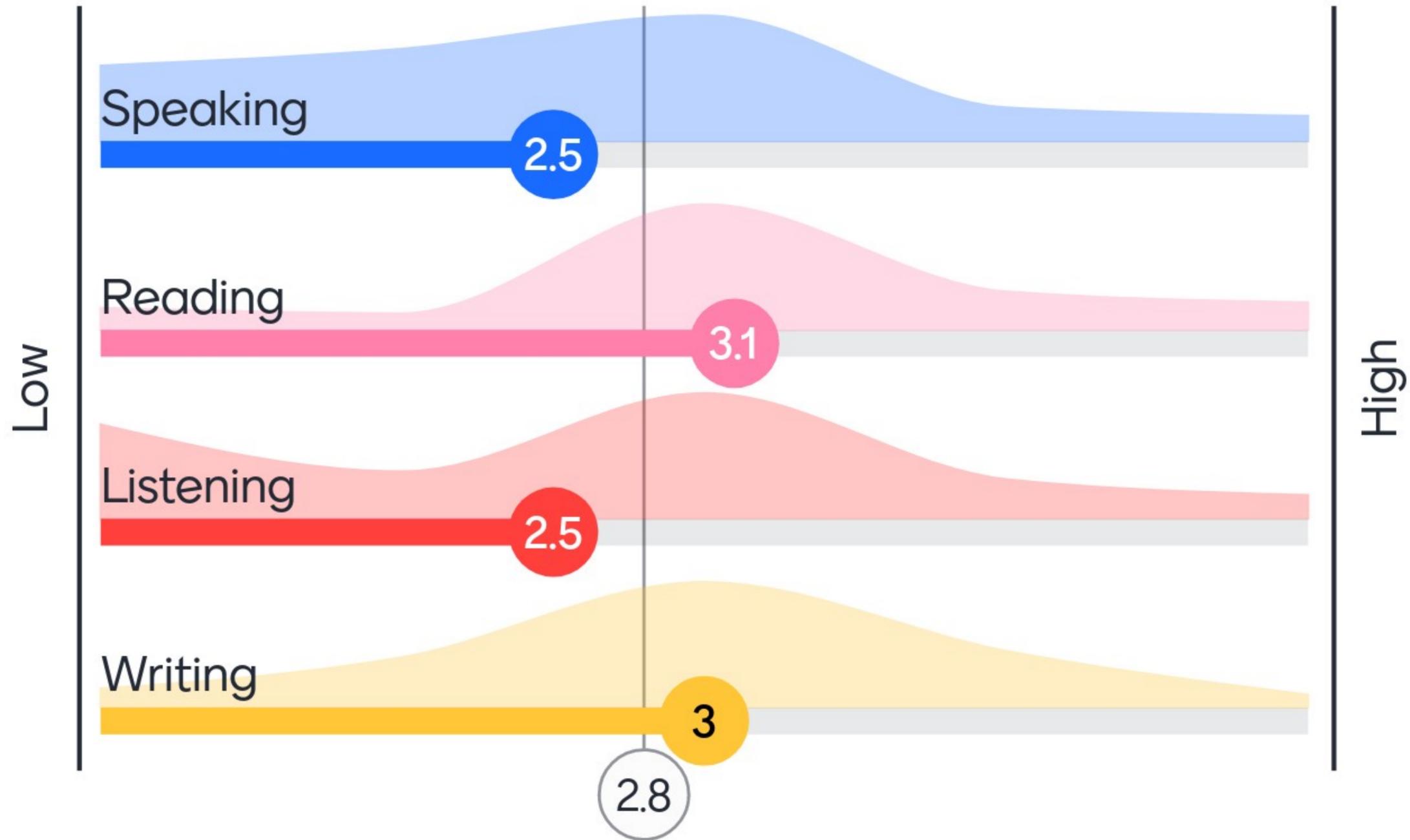




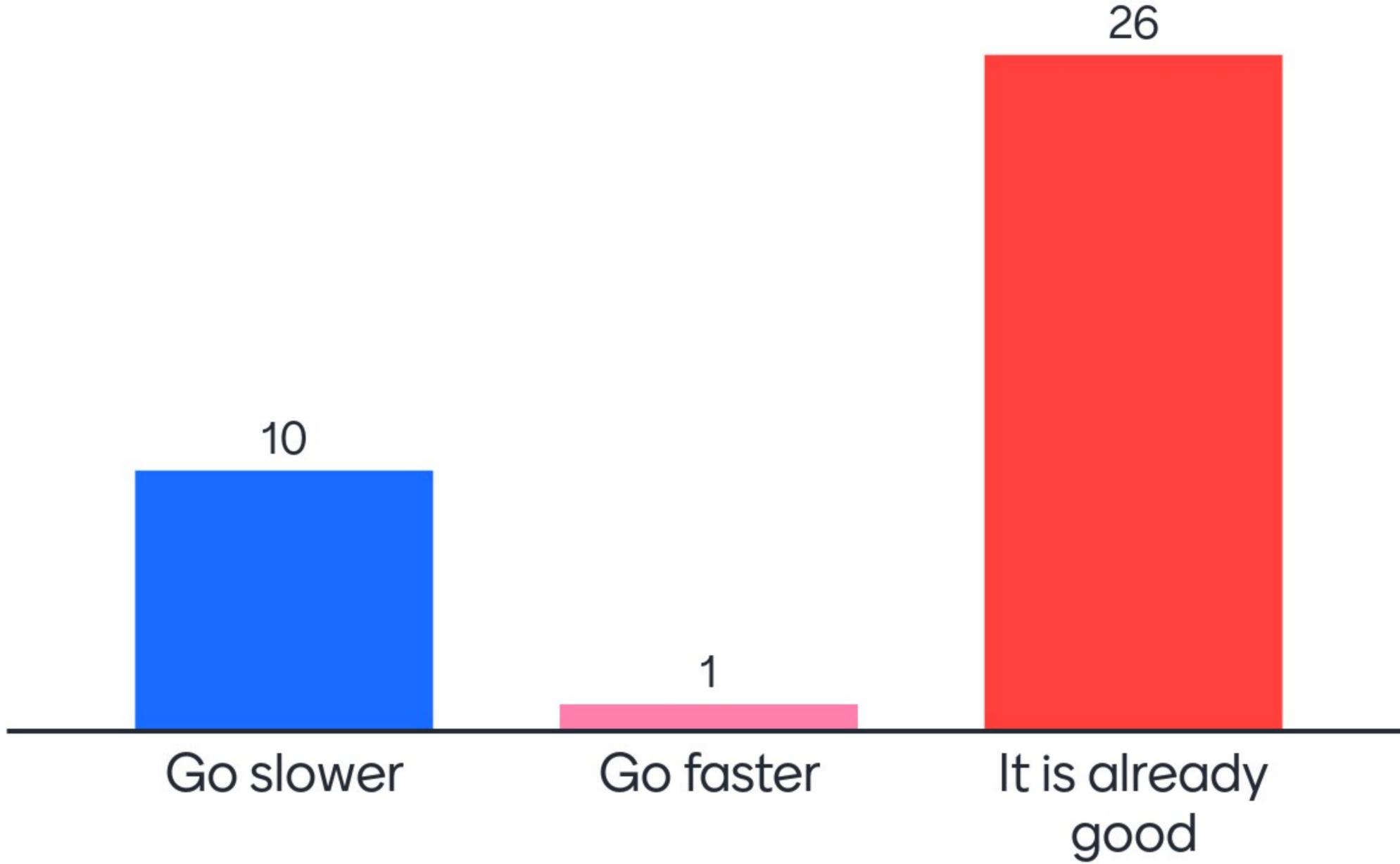
Have you taken part in our workshops before?



English level



How should I do with my talk?



What kinds of graduates do we need?

- Handle unknown (ambiguous) future
- Dealing with wicked (complex) problems
- Deciding argumentatively
- Critical thinking
- Communication
- Resilience
- Creativity
- Entrepreneurship

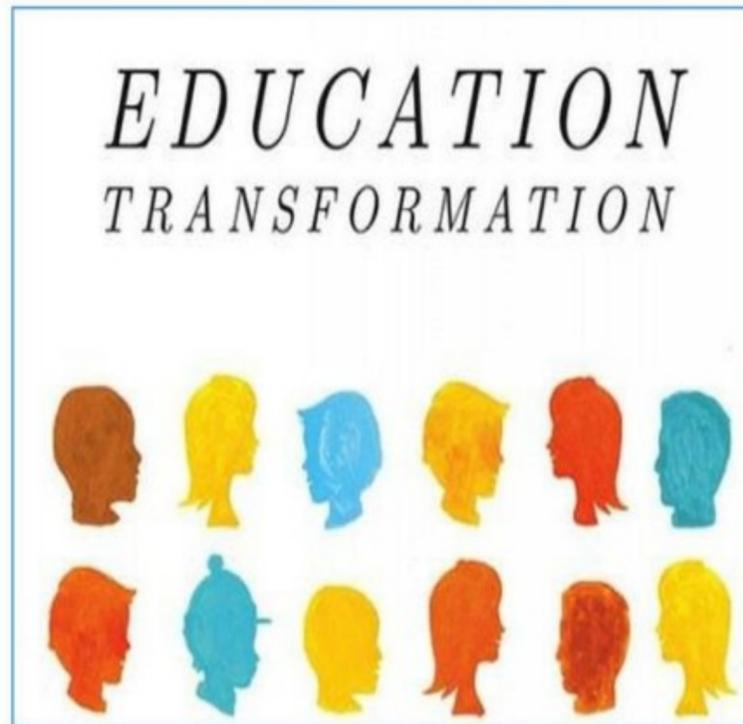


We need education that is:

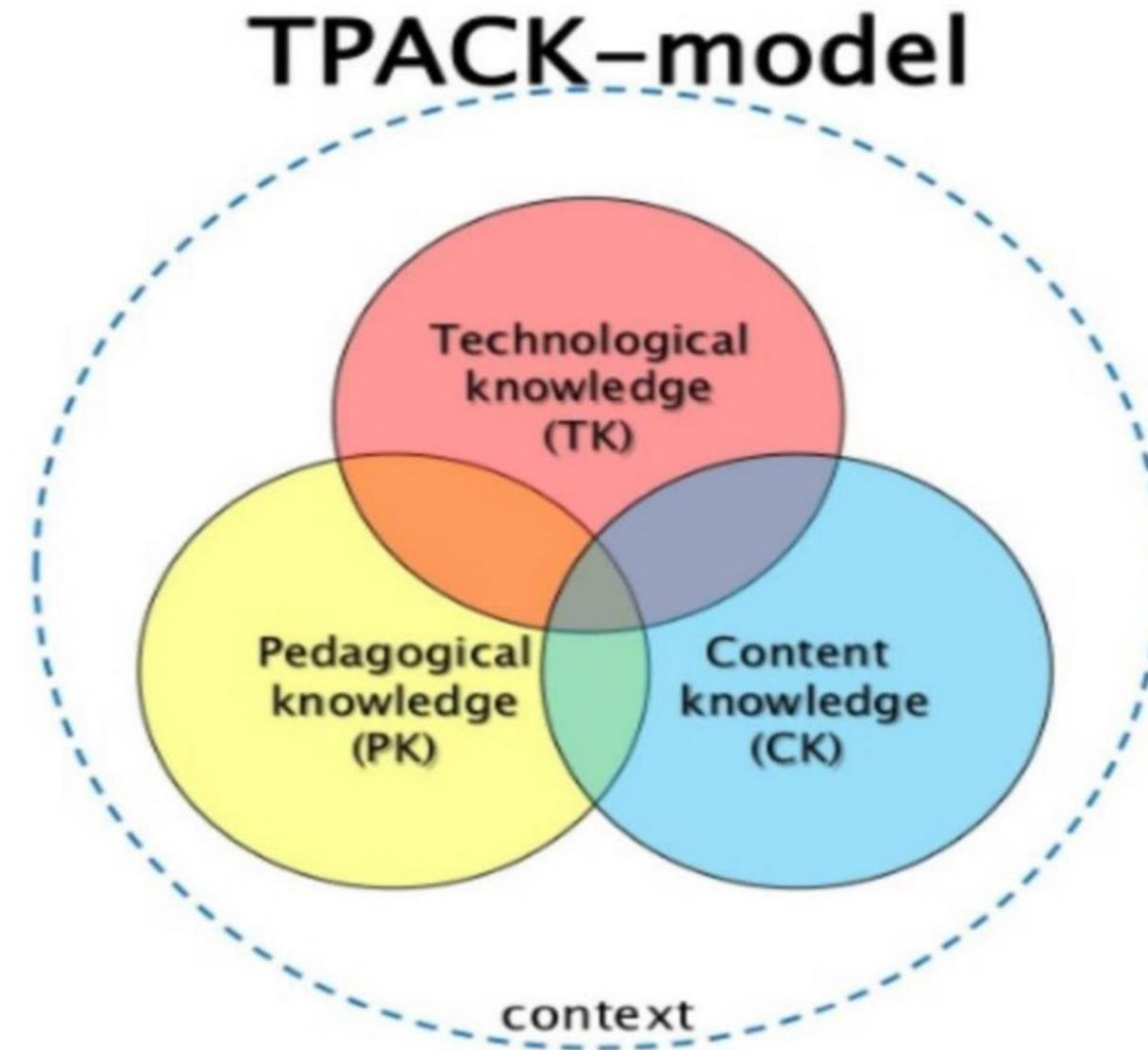
- Adaptive
- Problem-based
- Collaborative
- Argumentative
- Self-regulated
- Attractive
- Challenging
- Technology-based



Role of technology



Competence-based online education



Teaching with technology looks like hitting a moving bird!
(Rahimi et al., 2016)

Distance vs emergency teaching



Distance Teaching



Emergency Remote Teaching

(Paul Kirschner, 2020)

Online education rules!

- Introductory video
- Discipline
- No formality
- Proper clothing
- Social presence
- Participation

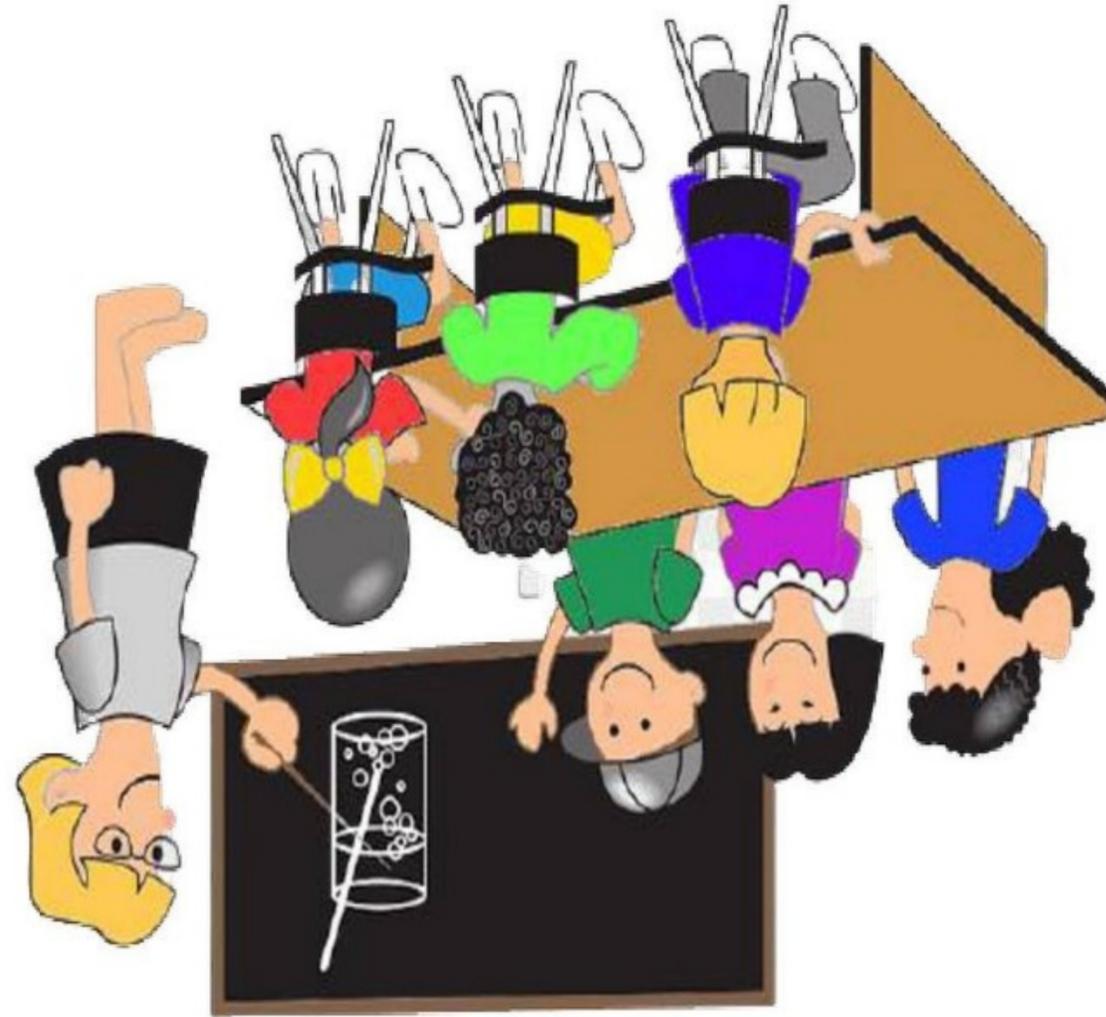


What are the most important competencies for graduates?

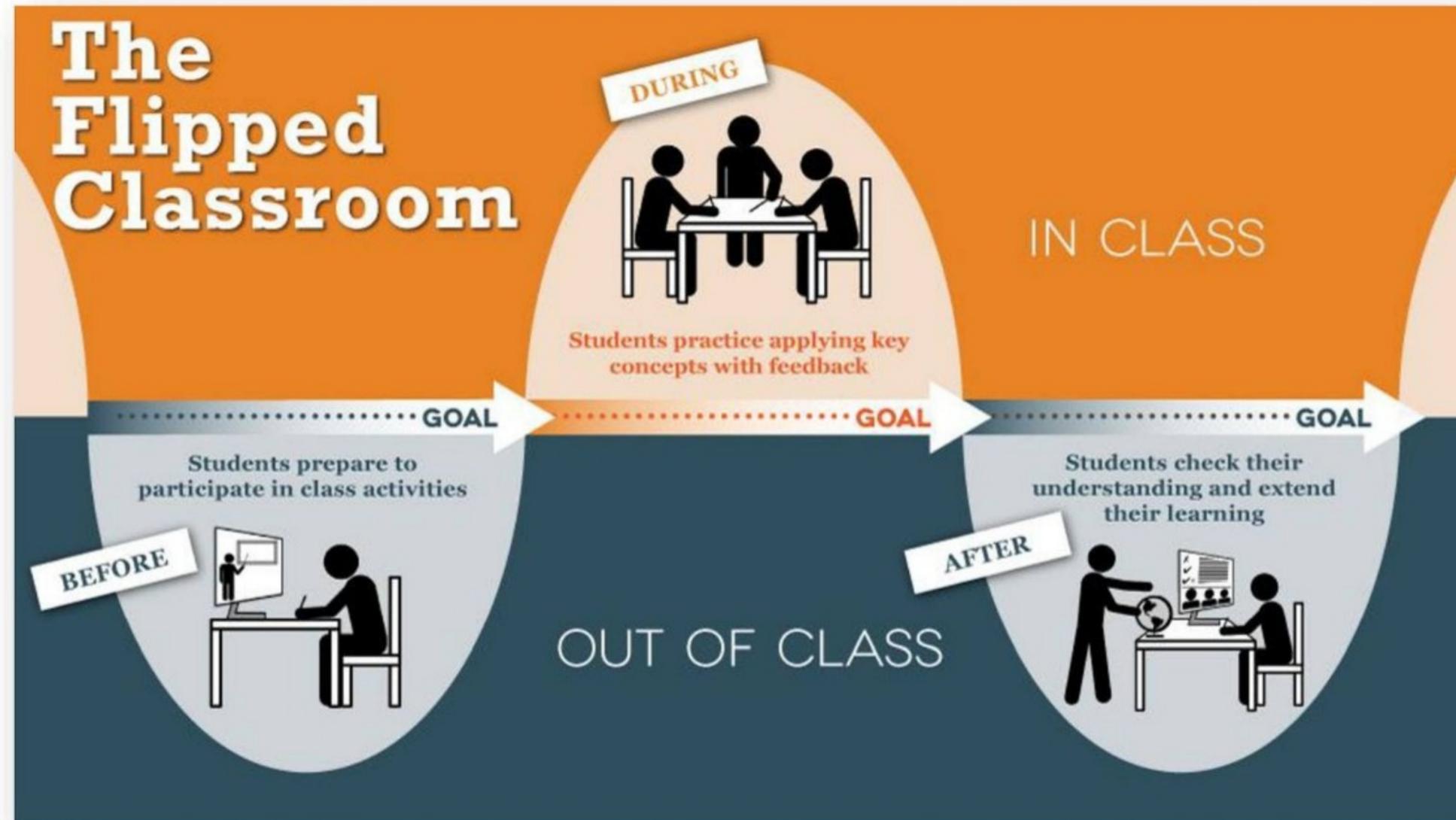


Flipped Classroom in online education

- What it means?



Flip classroom

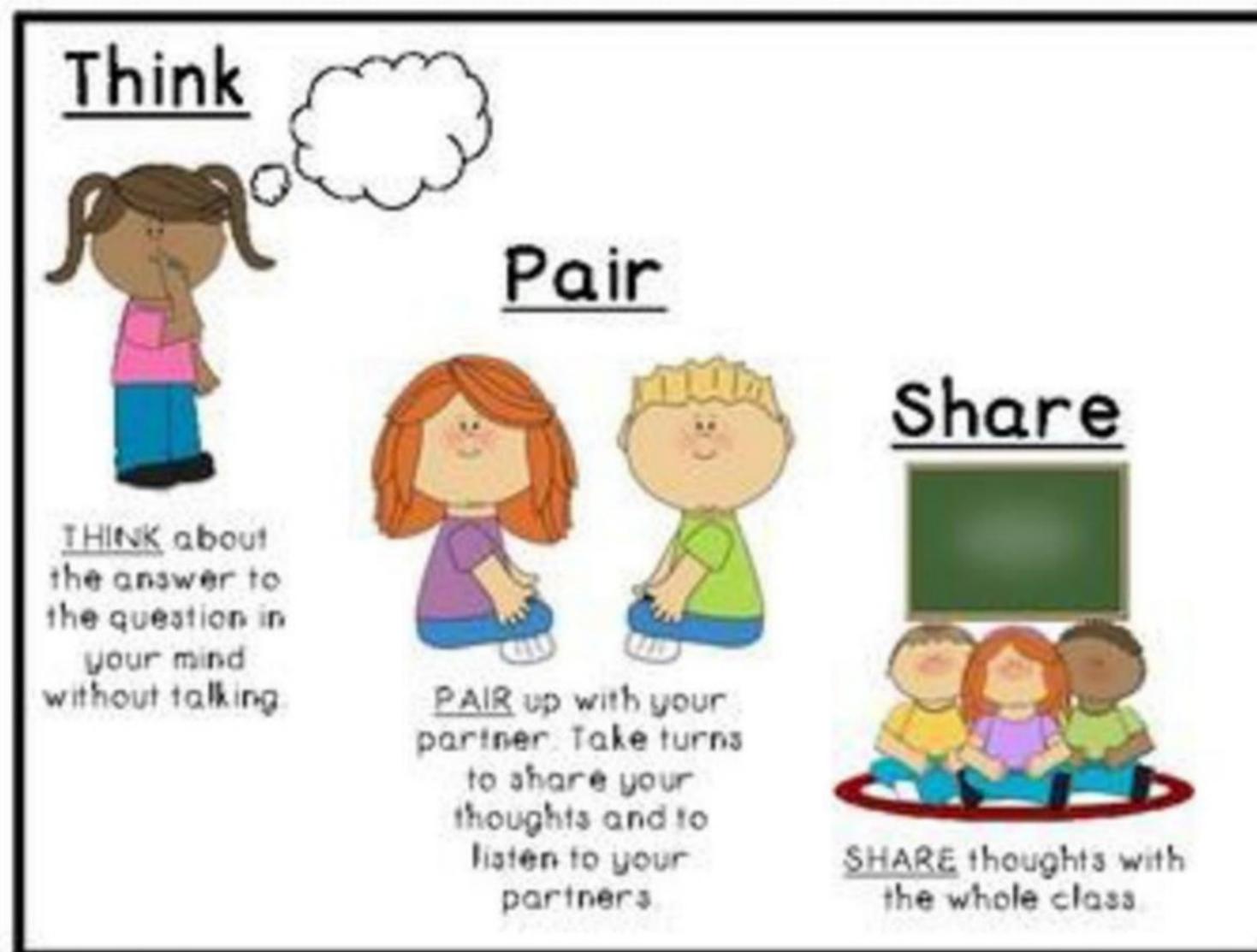


Group work

- Group work is the essence of flipped classroom!



Think-pair-share

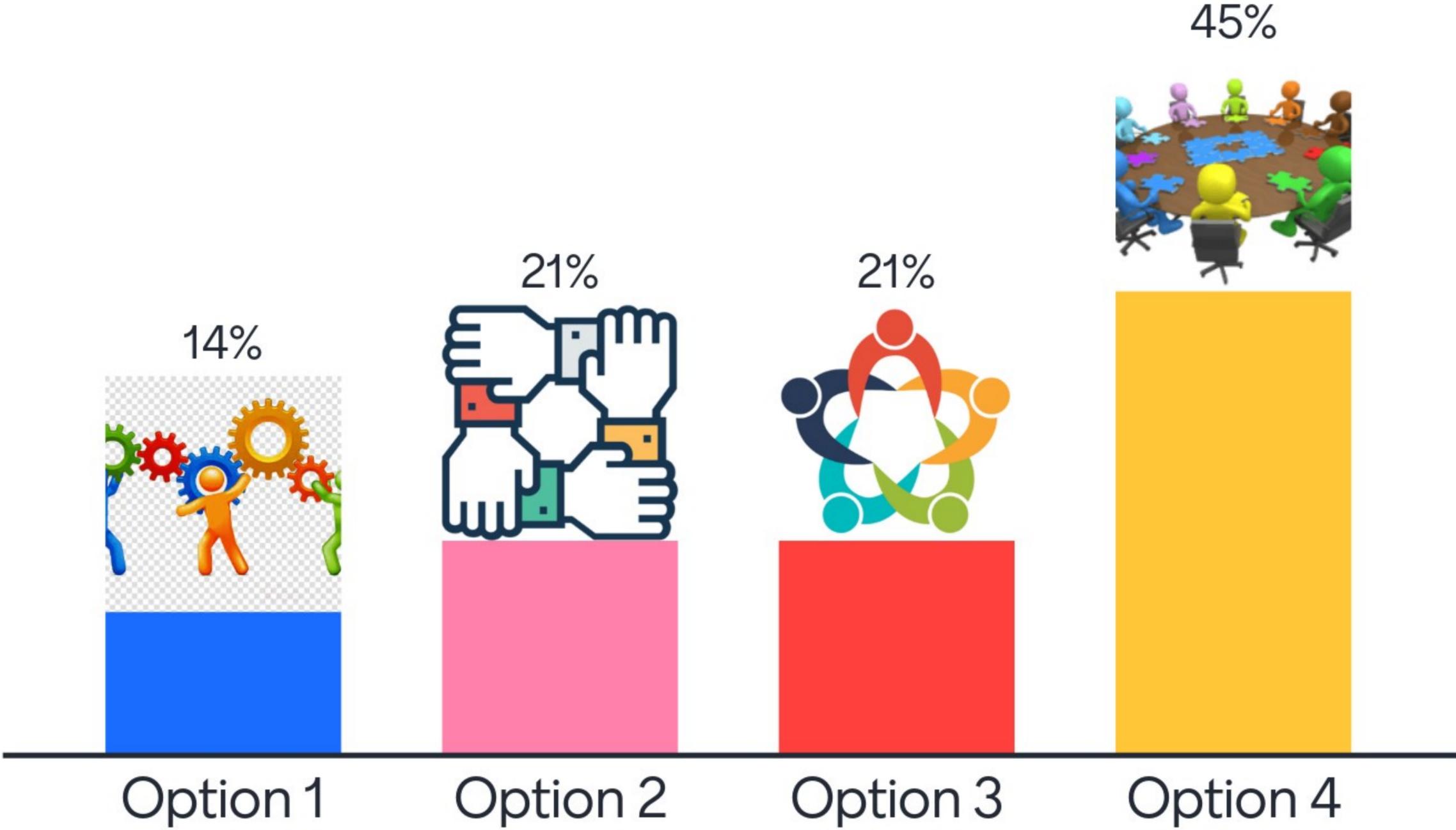


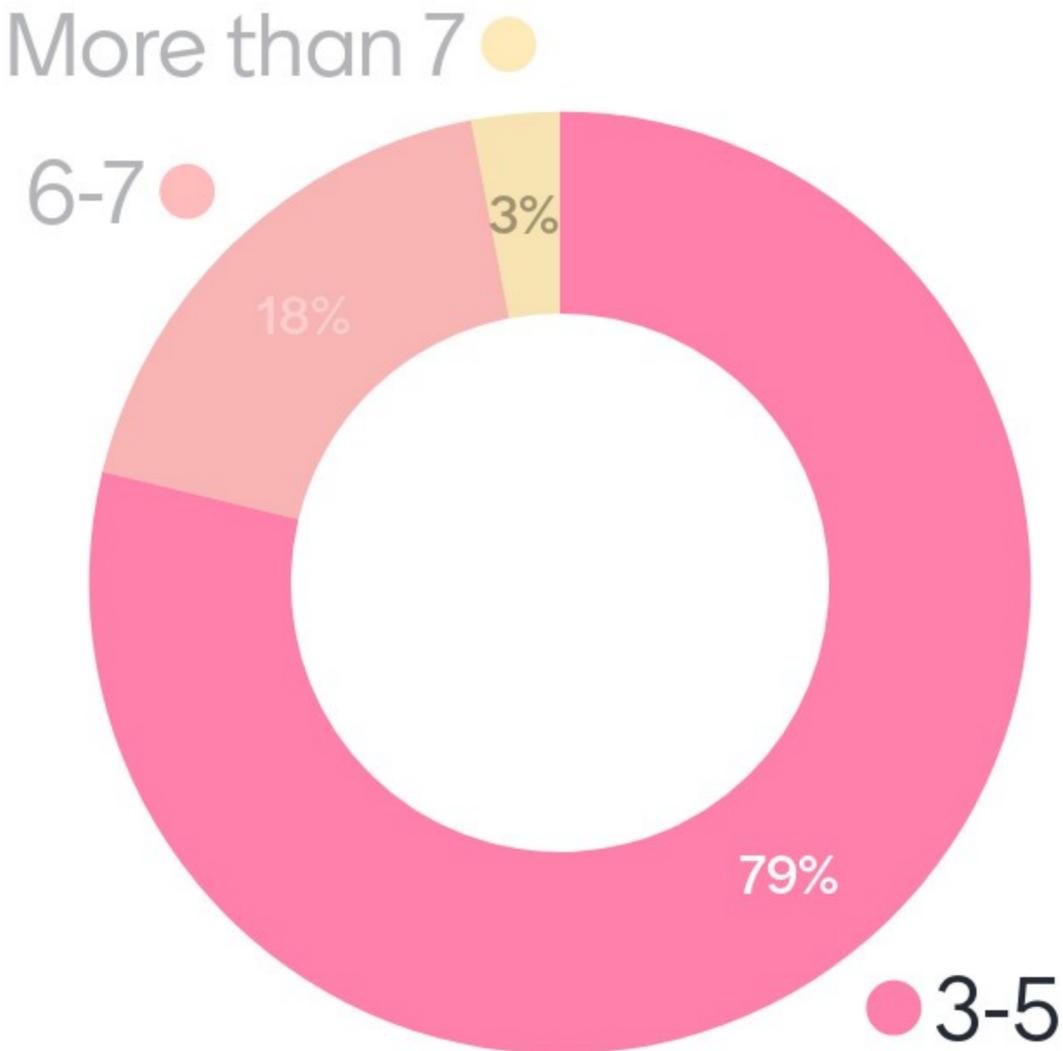
World cafe

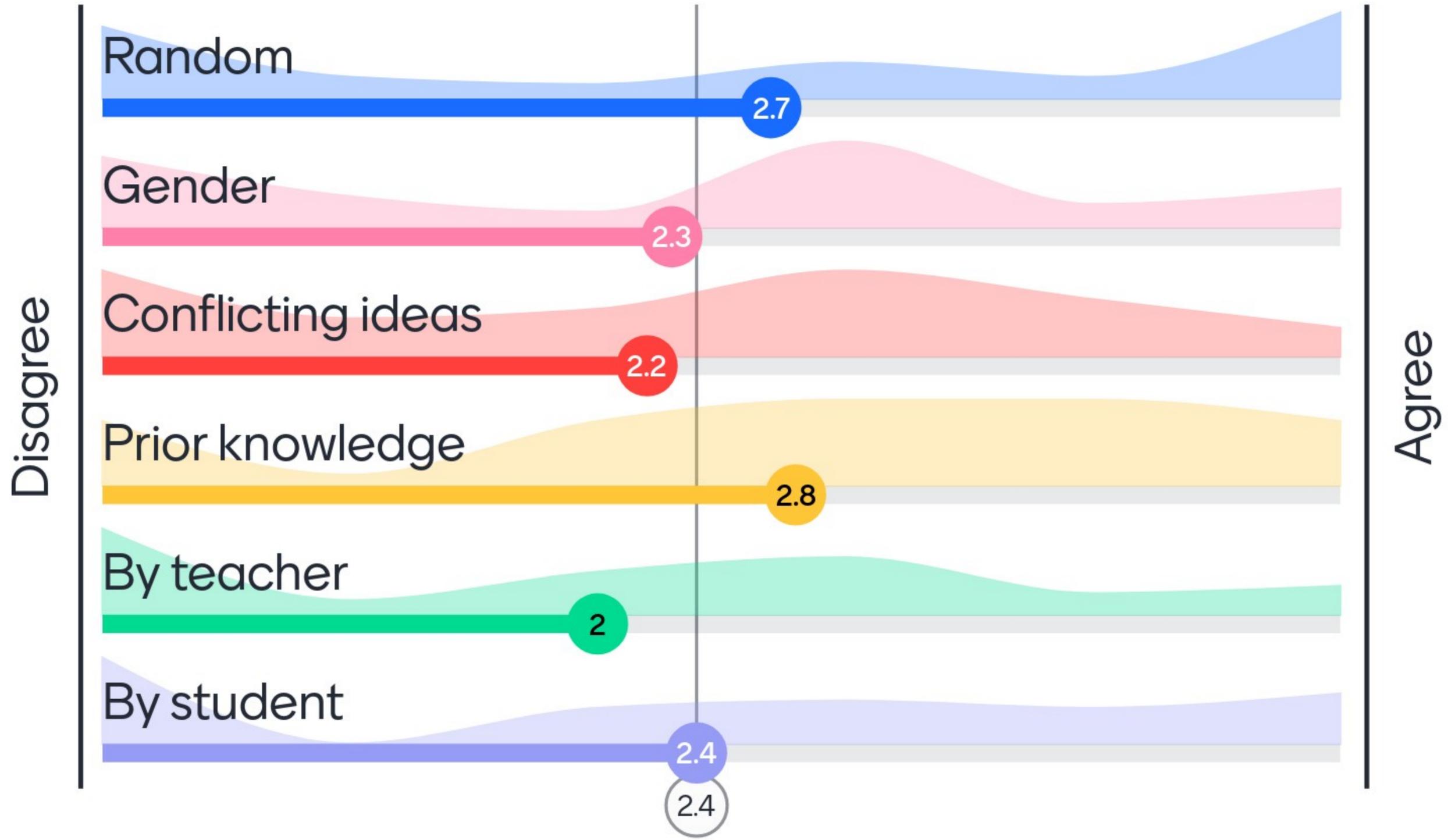


Cooperative vs. collaborative learning





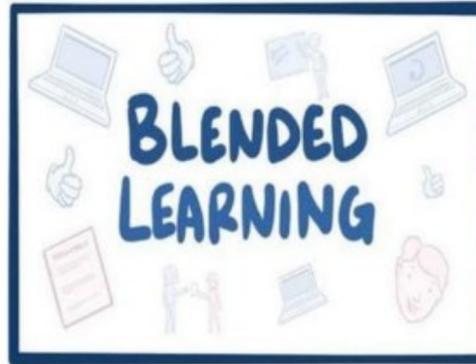




Group work exercise



1- What would be the future of our education?



2- Should doctor-assisted suicide be allowed?

3- Will Covid-19 stay with us forever?

4- How this group work exercise can be improved?

Brain storming

pre survey is the first step to know the condition of students.

In current situation, education is the most challenge. Could you explain how to solve this questions?

Debating



Critical thinking





Argumentation-based learning



Classroom Energizers

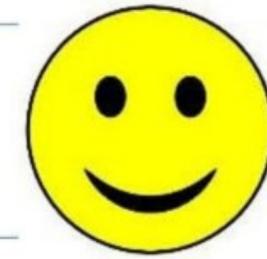




What is your favourite food?

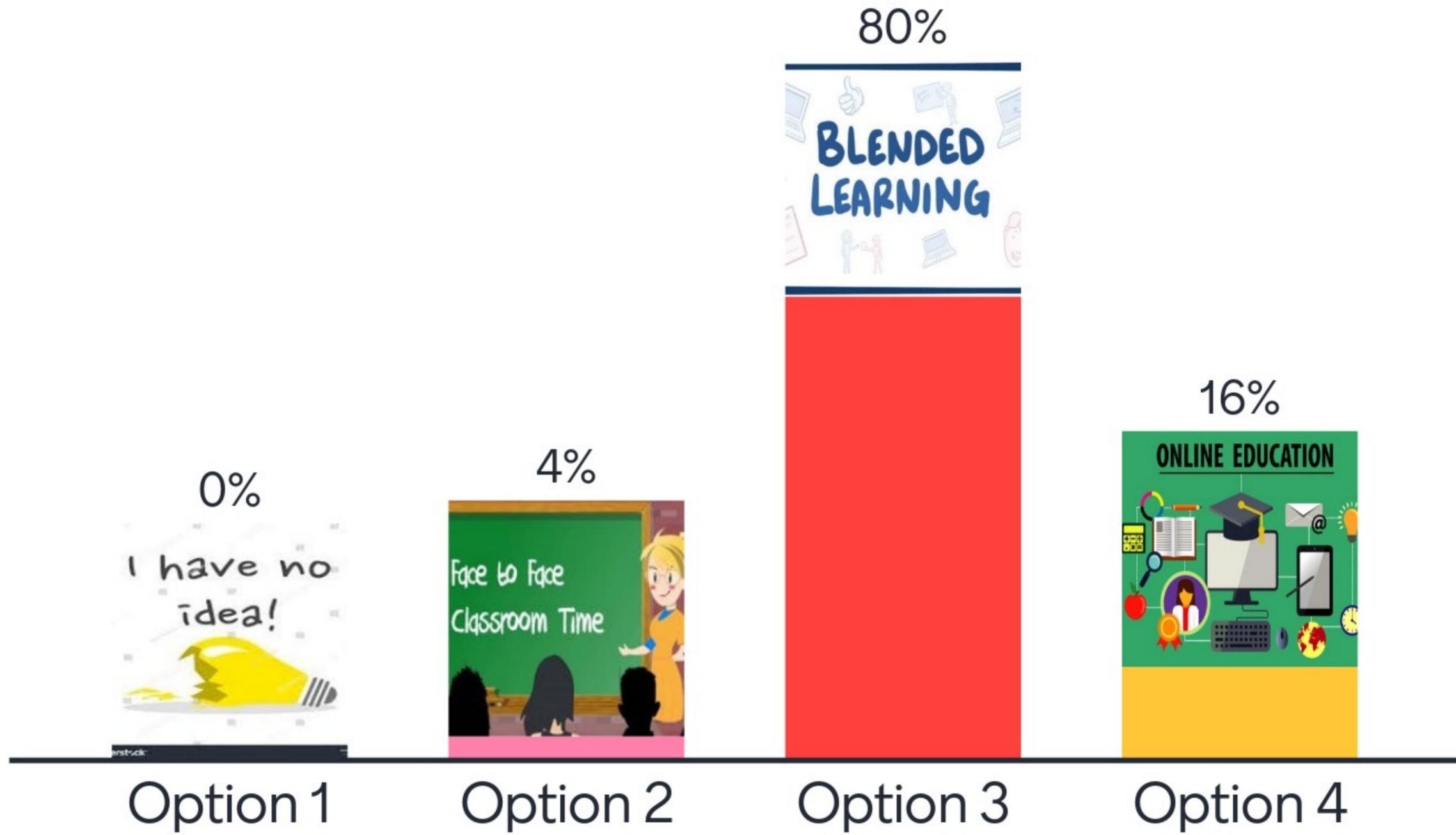


Toe-Tine-Pyi/Myanmar is the country



- That has existed for century
- With a lot of different bakery
- With lovely people I feel free
- With lots of beautiful memory
- That is mostly sunny now is rainy
- With BBQ spicy and savery
- Than can one day become luxury
- With trafic jam at the entry
- That is never become wintry
- That can be lived for free
- That can never be forgotten easily
- That is nice to live in summary





Discussion forum

- Self-reflection
- Social interaction
- Helping each other
- Saving time of teacher

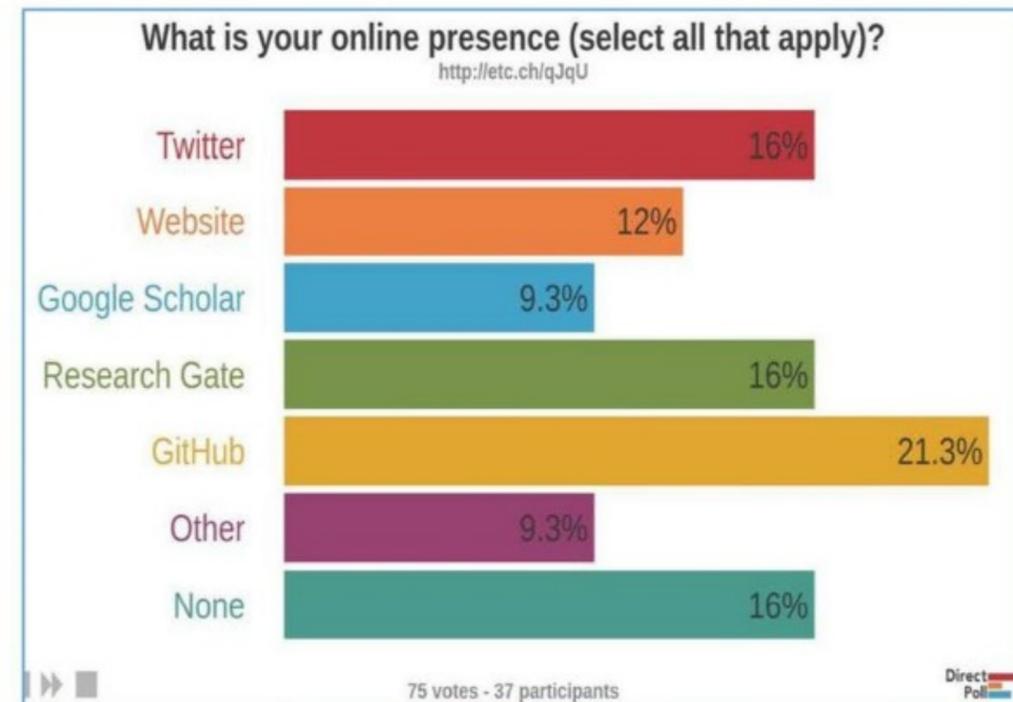


Bonus



Polling

- Collect evidence that helps you make decisions about what to do next
- Check prior knowledge
- Cause students to think

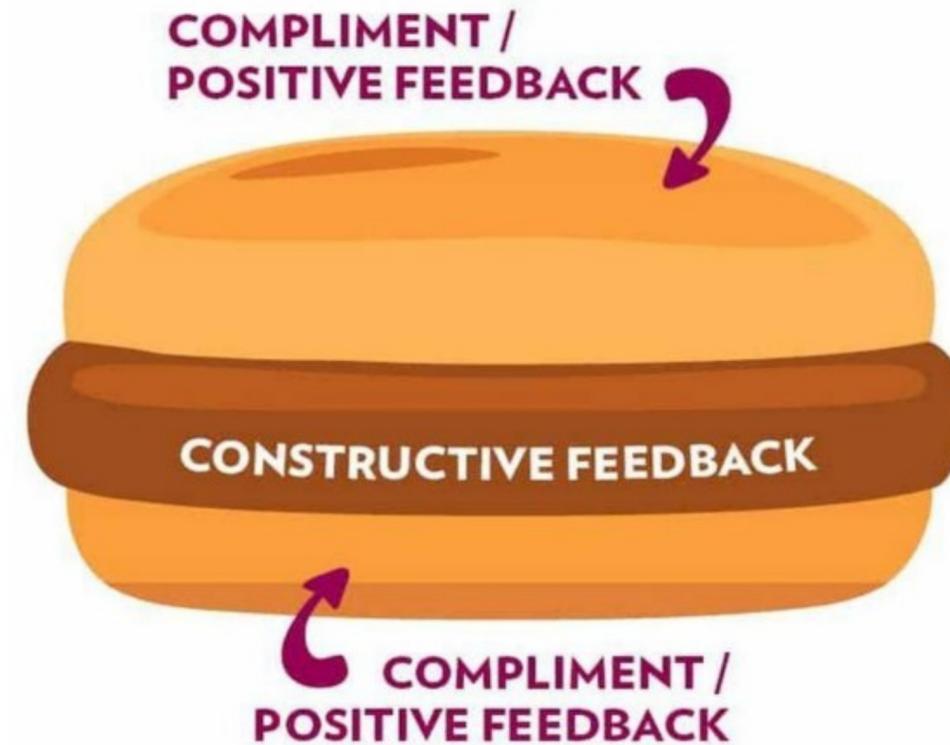


Peer feedback



Principles of peer feedback

- Sandwich
- Non-evaluative
- Critical yet constructive (not destructive)
- Timely
- Specific
- Reflection on feedback
- Not defensive
- Include peer feedforward

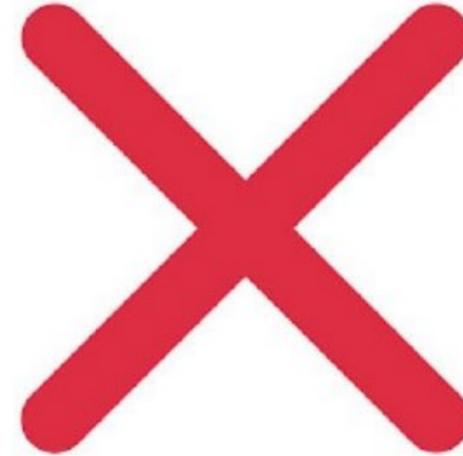
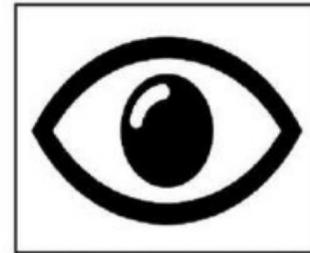


Participatory assessment techniques

Participation



Observation



Group project



Individual Projects



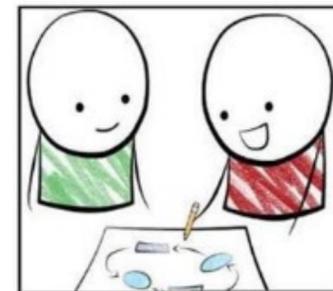
Reflections



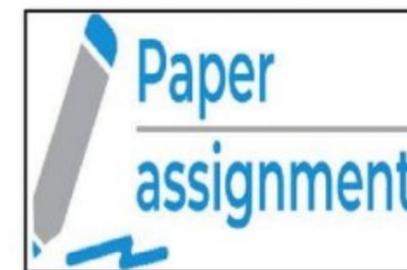
Exit question/ticket



Self/peer assessment



Paper assignment



Presentation



Reflections at the end of class

- What are the most important thing you learned during this class?
- What was the most difficult topic?
- What important question remains unanswered?



Conclusions and recommendations

- Follow online education strategies
- Online education is not a replacement
- The need for competent teachers
- Follow online learning training programs
- The need for student-centered classrooms
- Imply active and participatory teaching methods
- Emphasize on the social interaction
- Focus on formative participatory assessment strategies
- Summarize, reflect and conclude
- Share if you care

Final quiz evaluation and summary



- Go to www.kahoot.it
- Enter pin:...
- Enter your first name
- Give correct answer ASAP (do not waste time)



0 questions

0 upvotes



Which workshops would you be interested in?



Poor internet connection

Non interesting

Great and perfect

Internet Data,TimeDigital Device.

Strength

Internet

Weakness- internet connectionStrengeth - funny

Effective presentationsParticipation motivatedToo long

Time duration for weakness

energiser

A lot of interesting materiallengthy

Great your presentation.Quizz time is very quick time up for me

Get so many knowledges and waste time

Concentration

Interactive and funny but a little bit long

Delivery methods goodClear instructions

Communication with each other

Very nice

The weakness is so fast and the strength is improve our knowledge.

The most important strength of the workshop is getting the knowledge.

Wonderful workshop

Very good

What an impressive workshop

Getting the information

Very interactive

Weekends is language barrier and strength is online methodology.

improve our knowledge

The most important strength of the workshop.

Common strengths include leadership, communication, or writing skills. Common weaknesses include a fear of public speaking, lack of experience with software or a program, or difficulty with taking criticism.

For online workshop materials and connection are the important weakness But we can learn everytime and everyplace that're the strength of online workshop. Moreover we get many knowledge from participation.

Common strengths include leadership, communication, Critical thinking , Creativity, Resilience or writing skills. Common weaknesses include a fear of public speaking, lack of experience with software or a program, or difficulty with taking criticism.

I'm very interested in this workshop. Thank you very much for participating workshop



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