Participatory Teaching Methods in Online Learning Environments

Wageningen University and Research, the Netherlands

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Co-funded by the Erasmus+ Programme of the European Union

What is covered in this workshop?

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- 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

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Important points

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Word of thanks

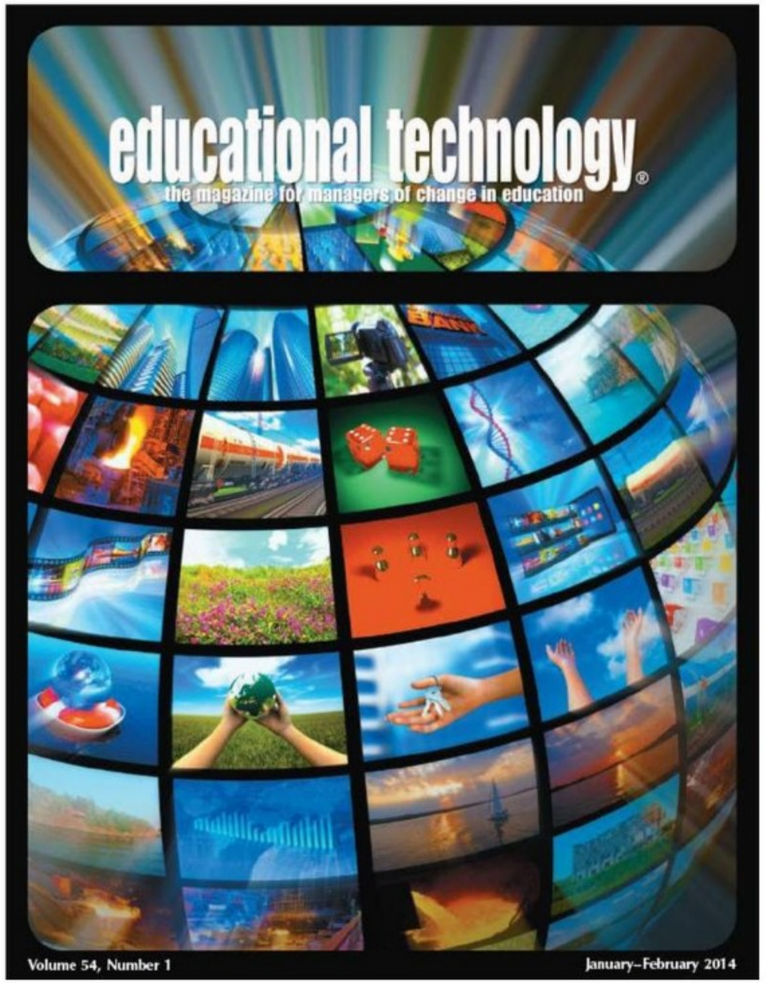
Workshop for online and F2F education?

Participatory workshop?

Slides in English

Mobile phone next to you!

Your attention tested!



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Who are we?

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Omid Noroozi
Associate Professor
Education and Learning Science Group
Wageningen University and Research

Mattijs Smits
Assistant Professor
Environmental Policy Group
Wageningen University and Research

S. Kazem Banihashem
Postdoctoral Researcher
Education and Learning Science Group
Wageningen University and Research

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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

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Have you taken part in our workshops before?

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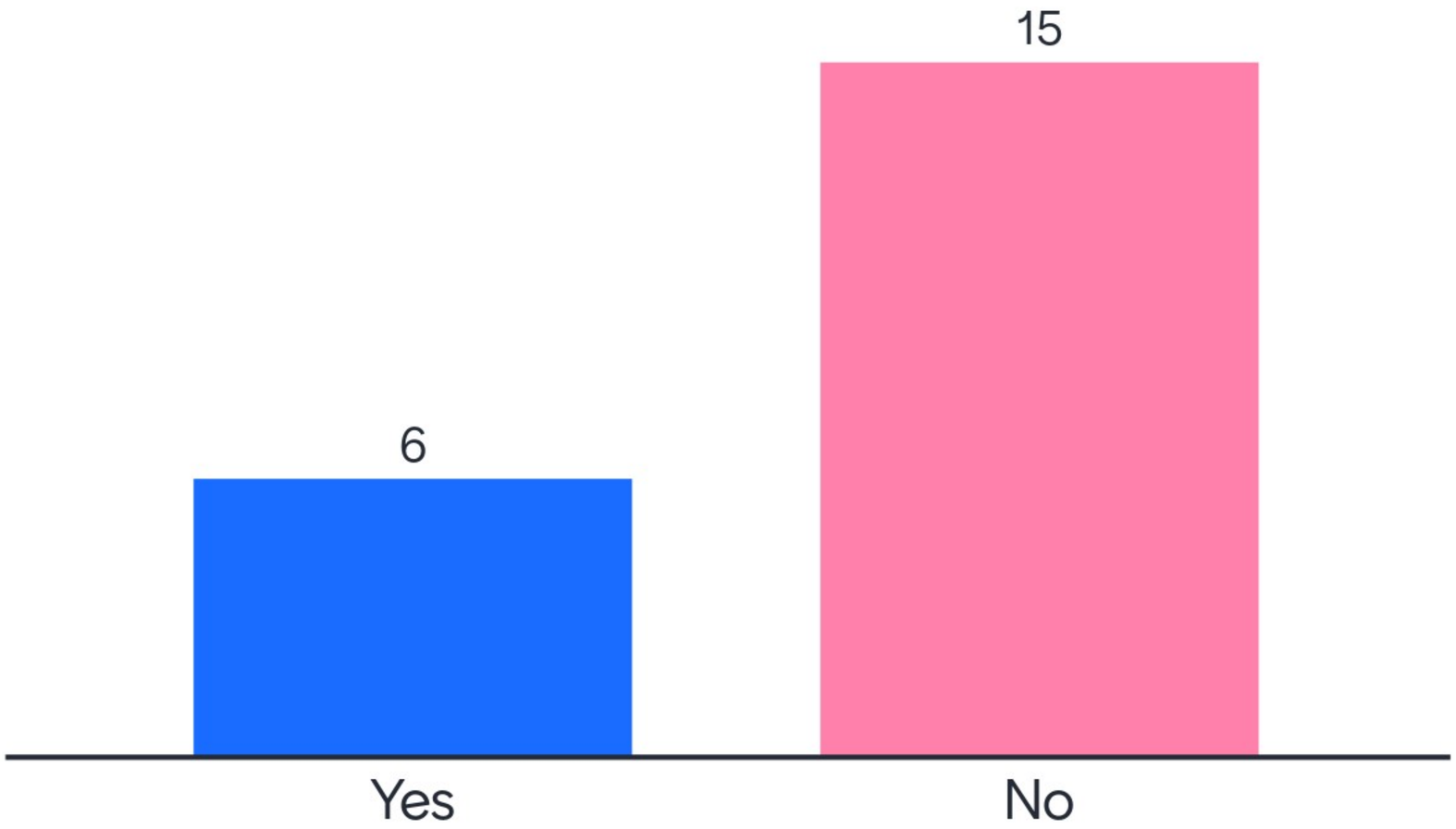

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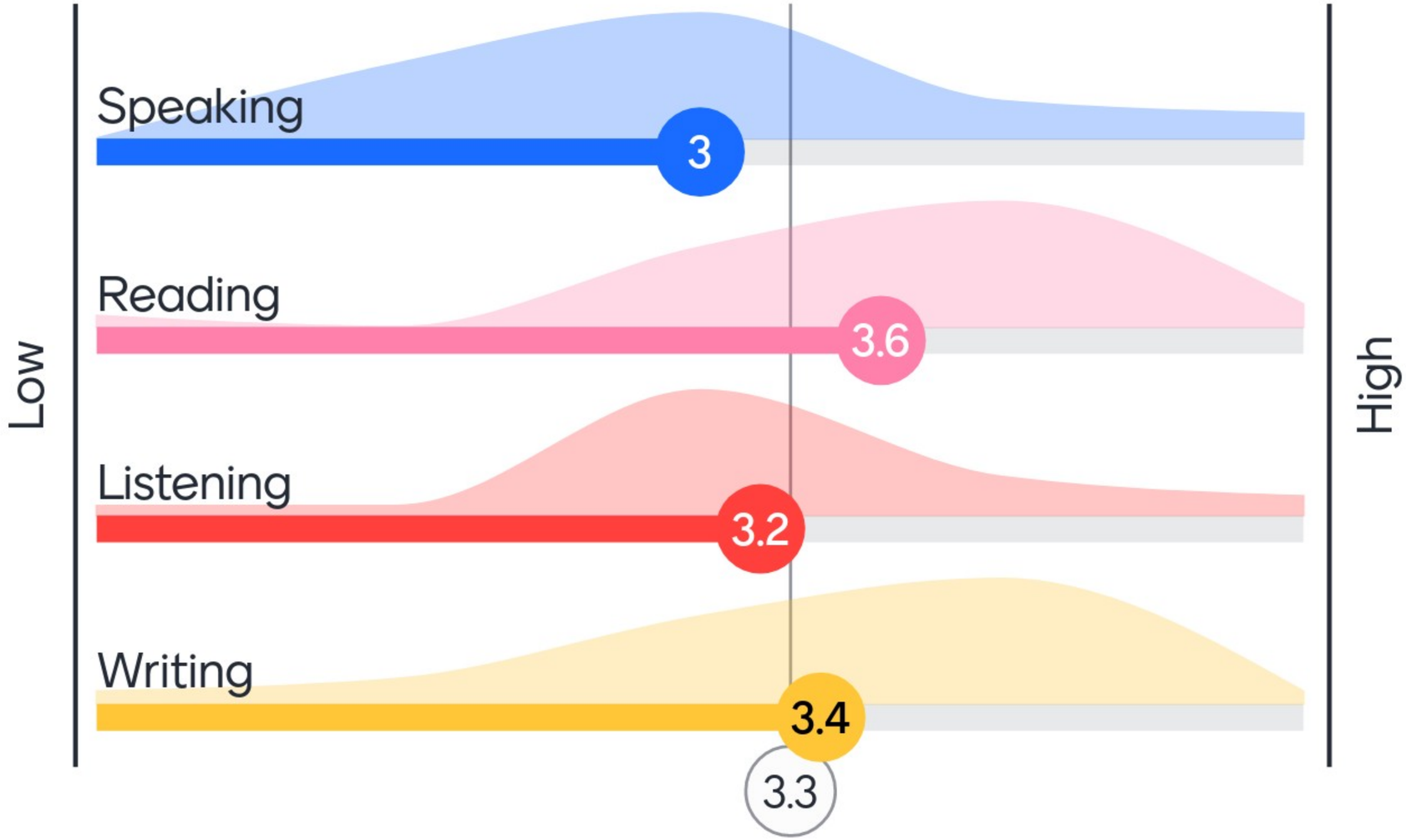
English level



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What kinds of graduates do we need?

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

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We need education that is:

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

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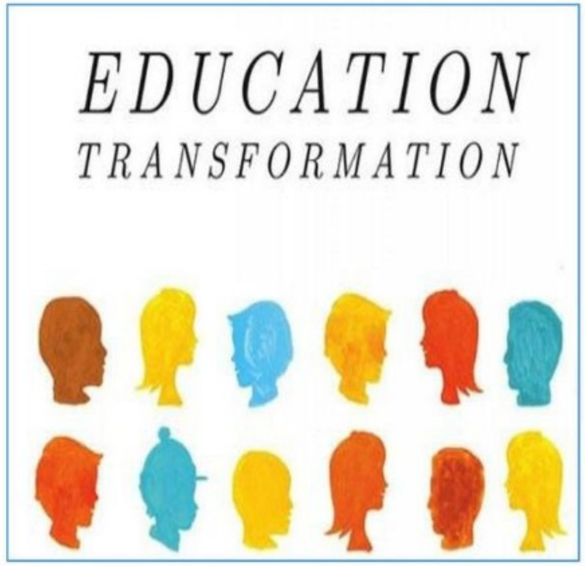
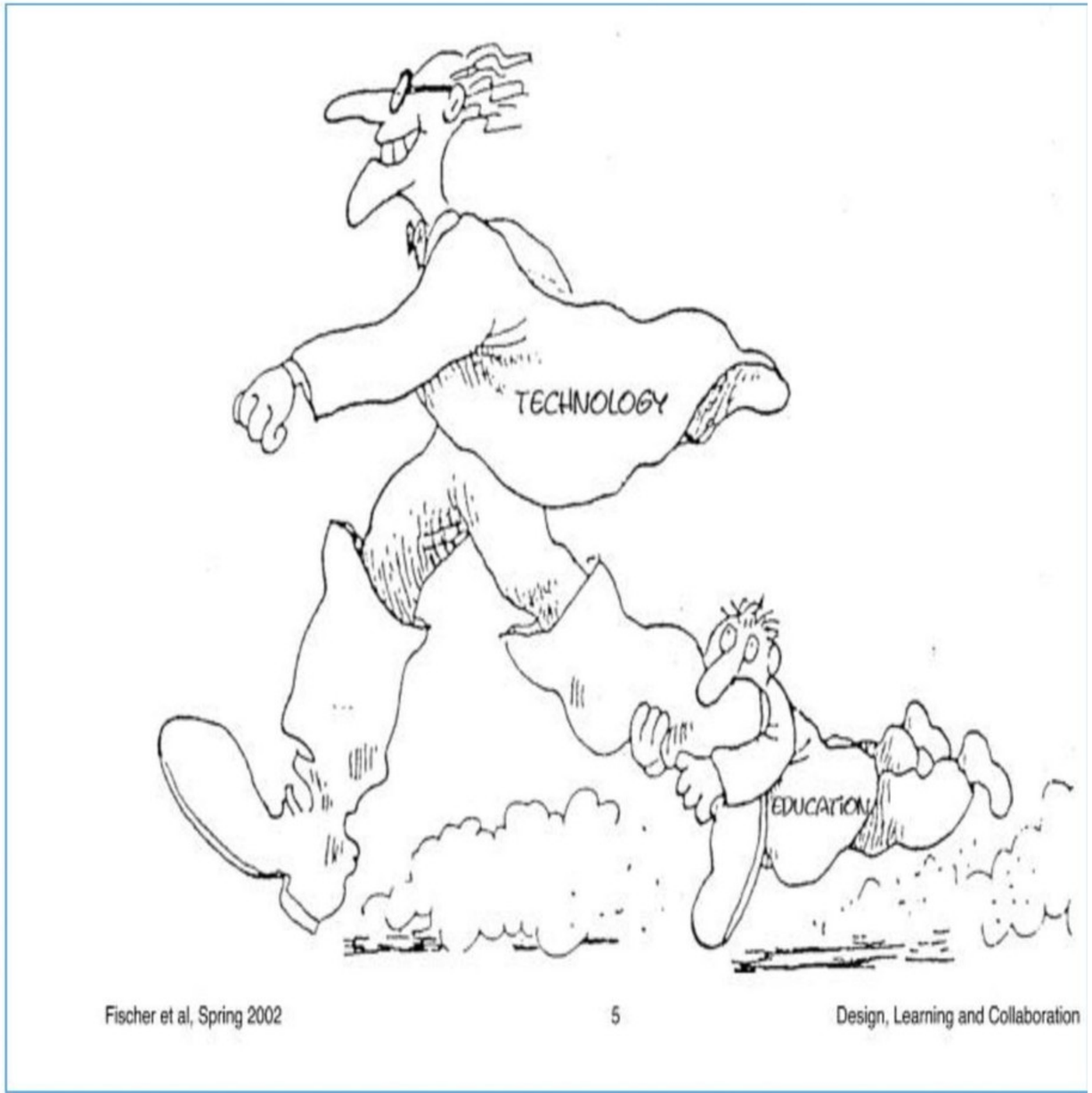
1 2

Role of technology





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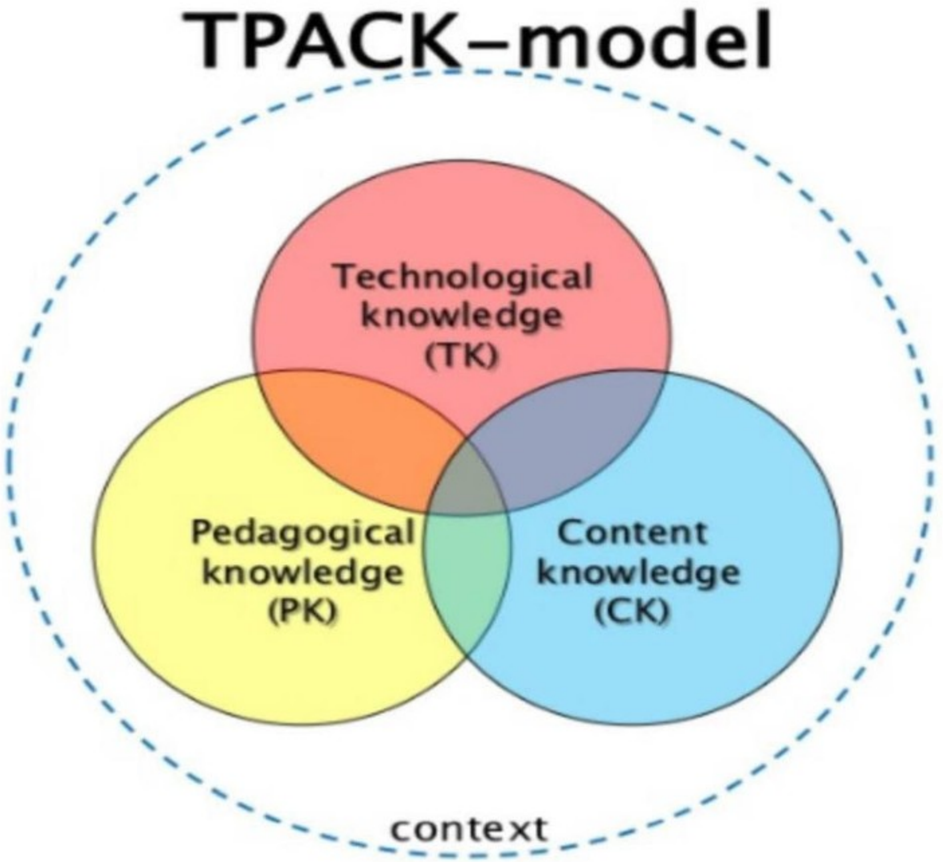
Competence-based online education



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

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Distance vs emergency teaching

Distance Teaching

Emergency Remote Teaching

(Paul Kirschner, 2020)

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2

Online education rules!

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

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What are the most important competencies for graduates?

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What are the most important rules in your online classes?

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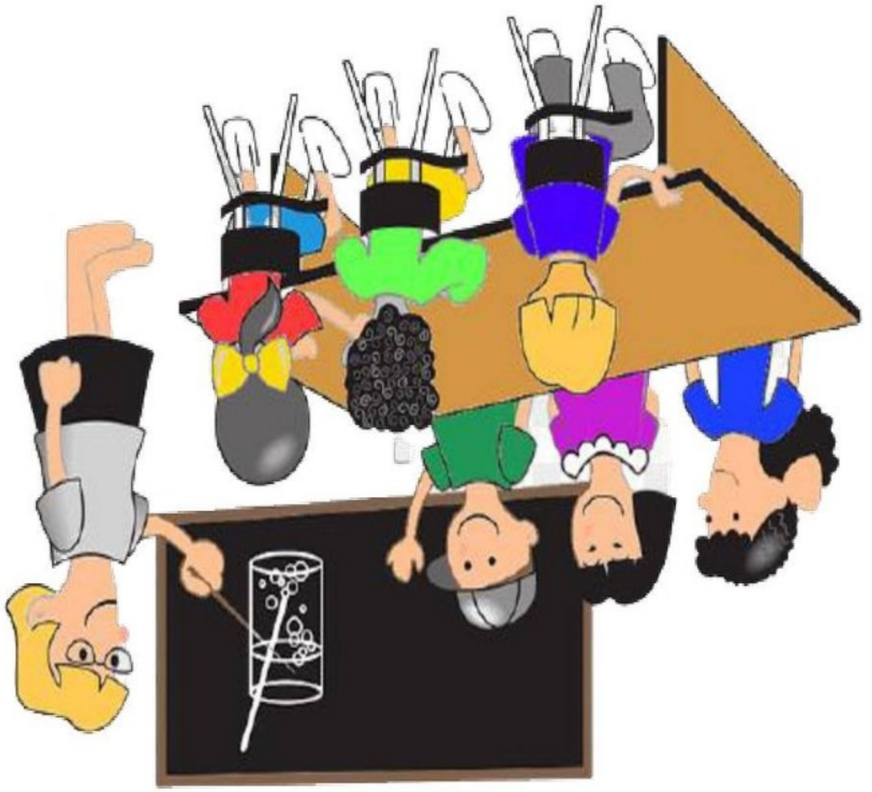
Flipped Classroom in online education

- What it means?



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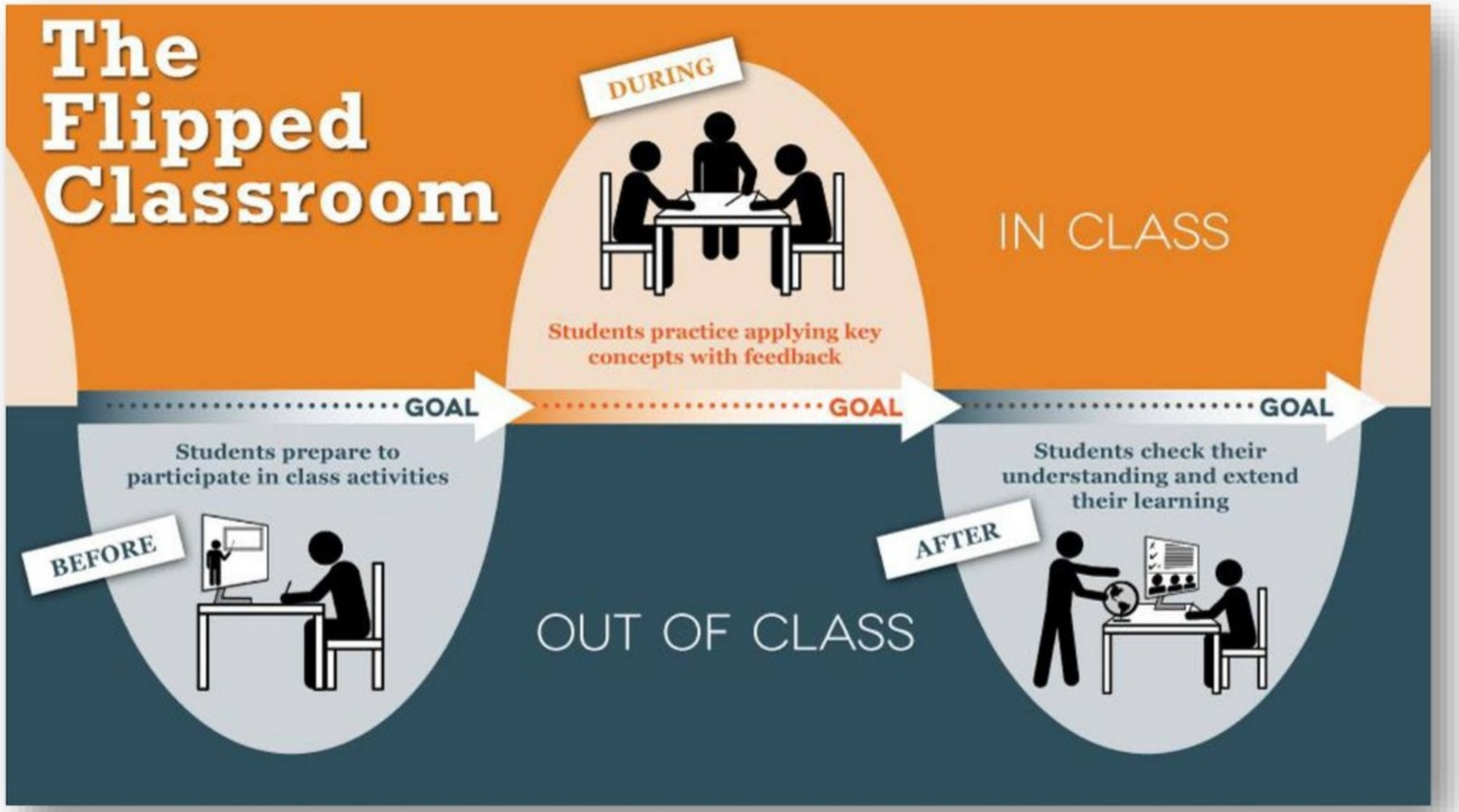
Flip classroom



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Group work

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- Group work is the essence of flipped classroom!

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Think-pair-share

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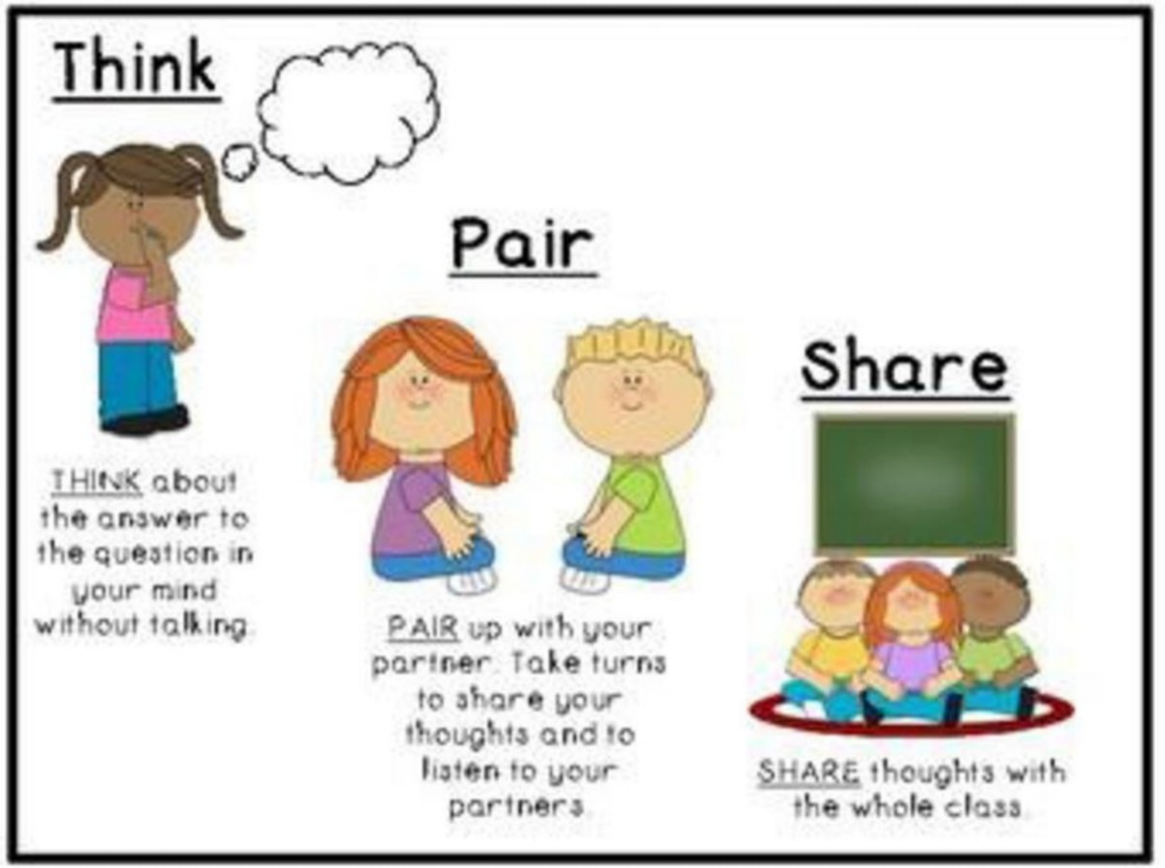

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World cafe

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Cooperative vs. collaborative learning

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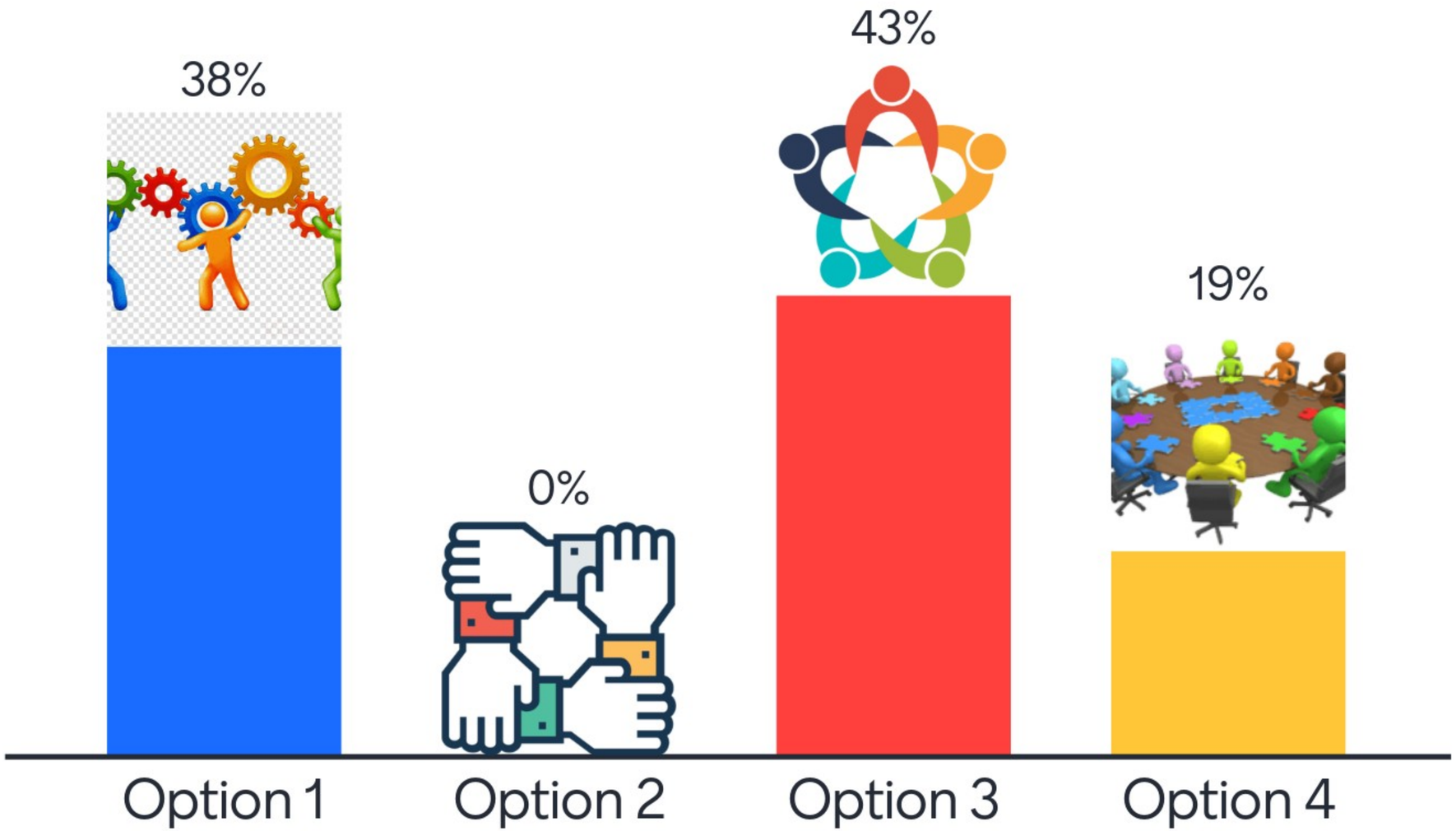

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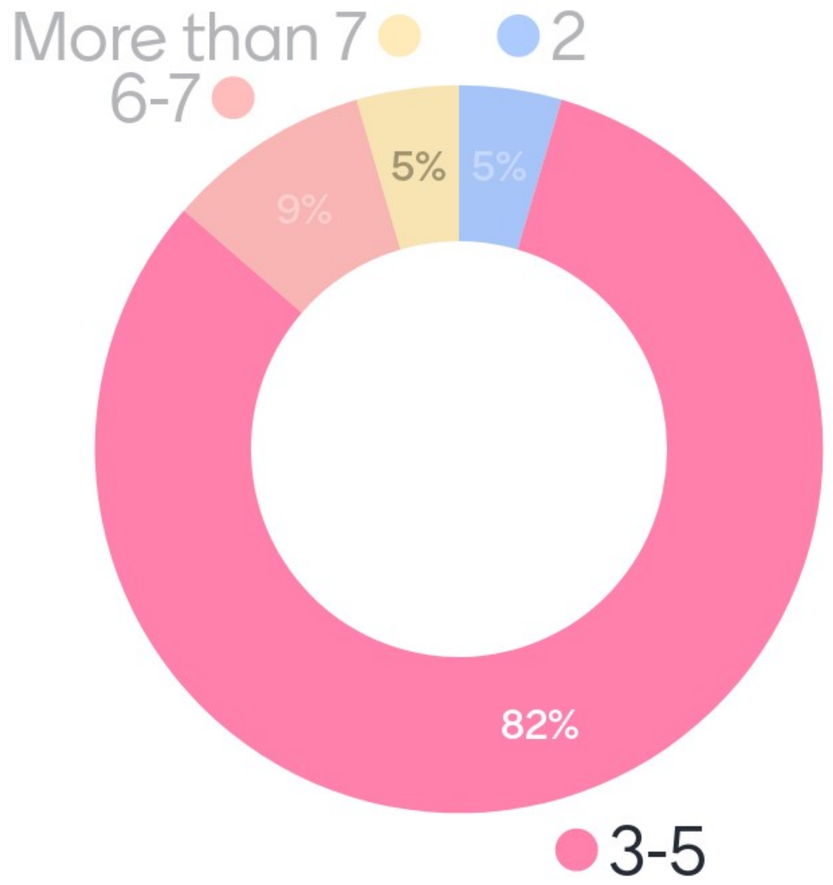

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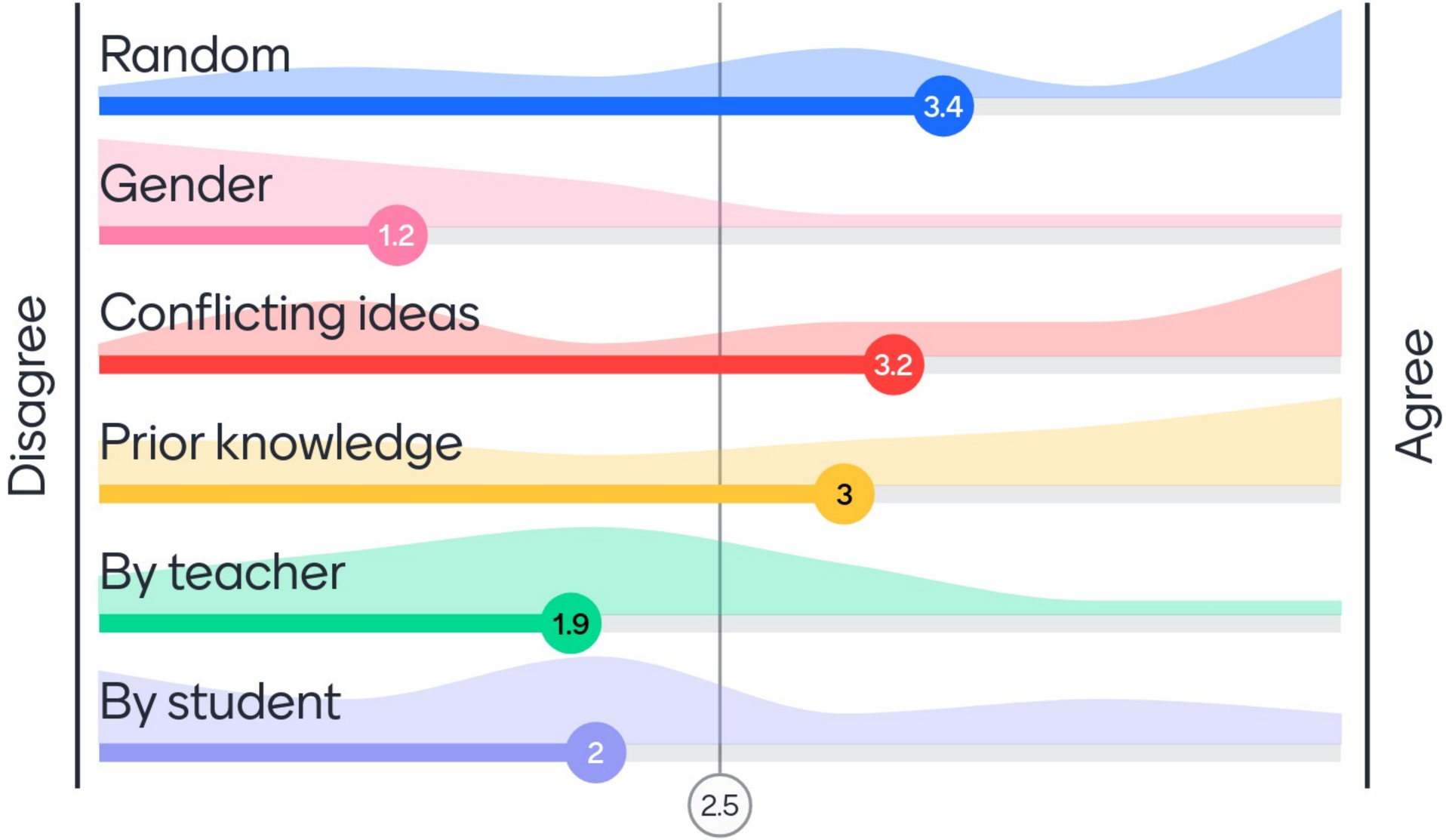

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Group work exercise

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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?

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3 3

Negotiation and discussion

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1

Debating

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Critical thinking

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Brainstorming

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Argumentation-based learning

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Classroom Energizers

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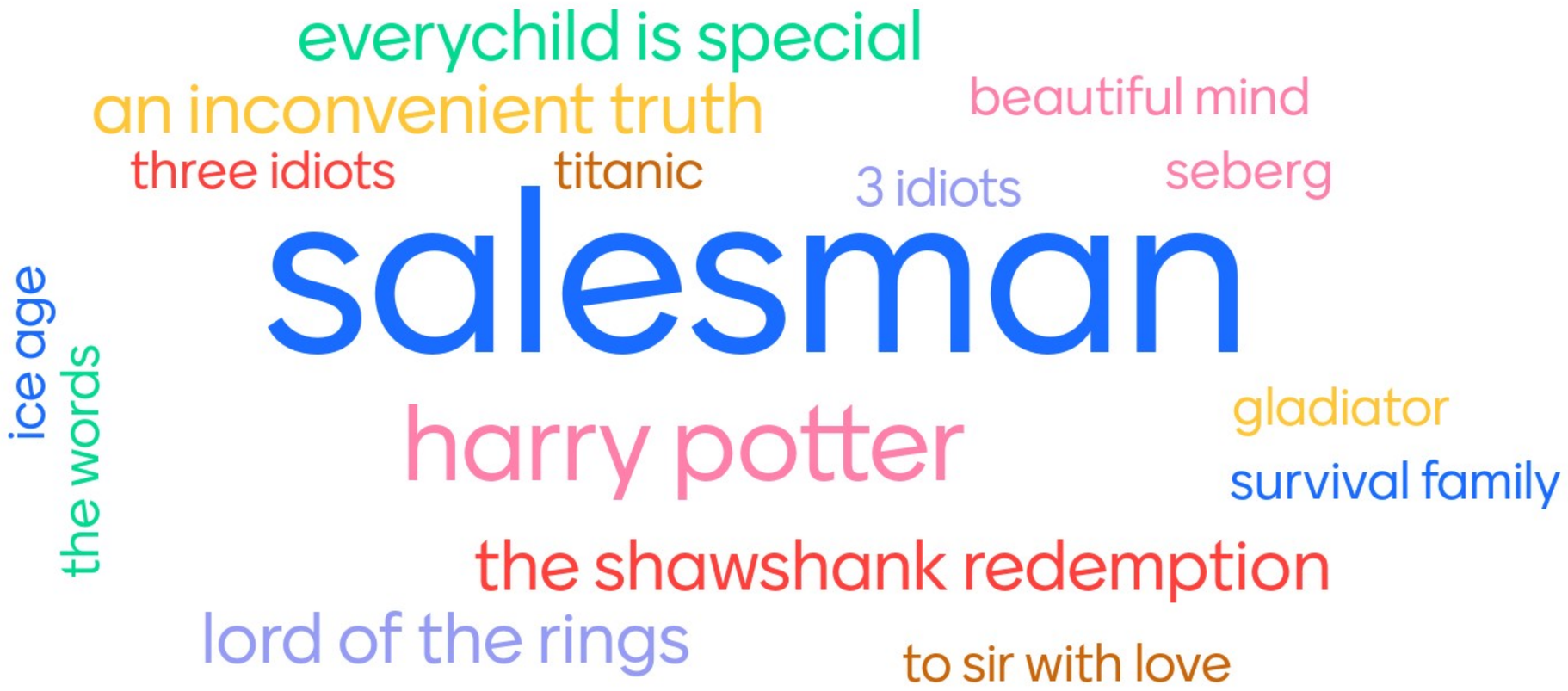

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What is your favourite food?

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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

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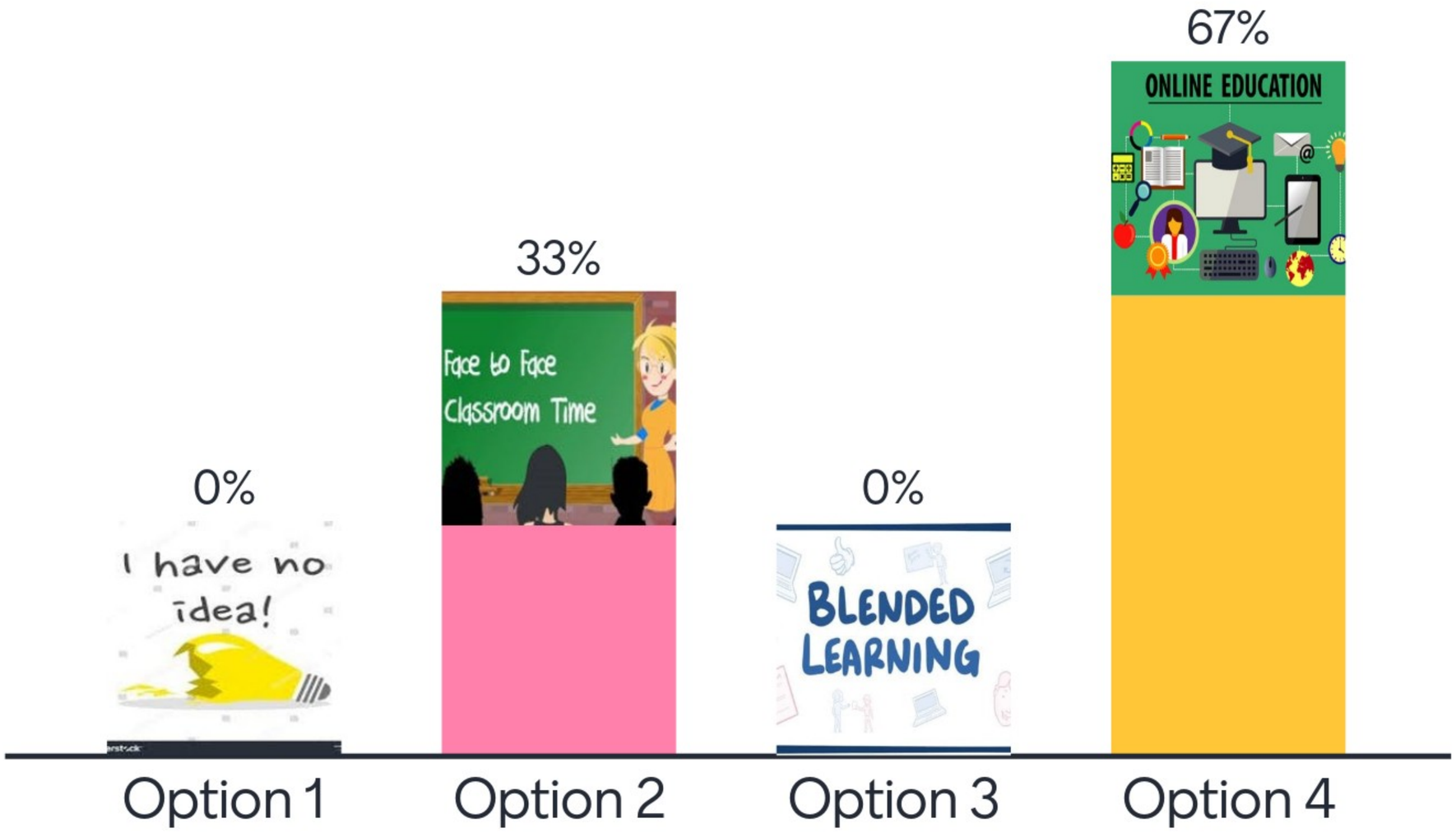

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Discussion forum

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

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Bonus

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Polling

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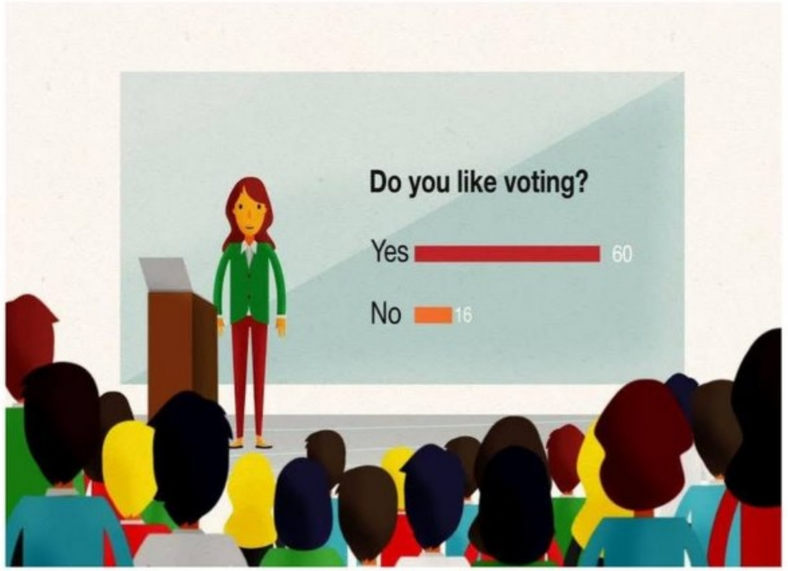
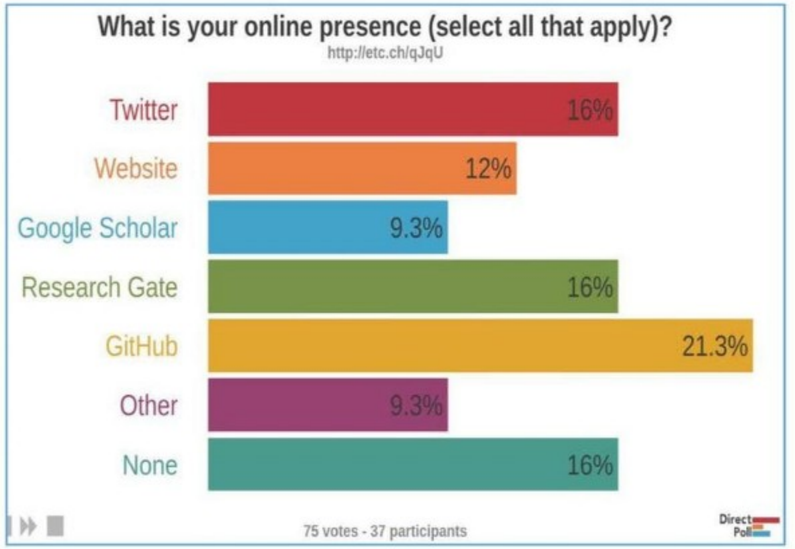
- Collect evidence that helps you make decisions about what to do next
- Check prior knowledge
- Cause students to think





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Peer feedback

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Principles of peer feedback

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

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Participatory assessment techniques

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Participation

Observation

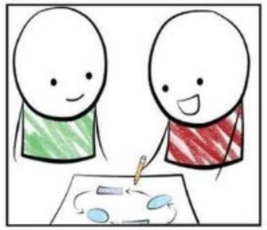
Group project

Individual Projects

Reflections

Exit question/ticket

Self/peer assessment



Paper assignment

Presentation

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Reflections at the end of class

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

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Conclusions and recommendations

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- 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

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Final quiz evaluation and summary

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

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0 questions

0 upvotes

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33

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Which workshops would you be interested in?

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Perfect workshop. No weakness

Allow the participants to cooperate

weakness of the workshop1. If online. internet connection2. Language used

Full attention and Responsibility

Overall, this workshop is worth to join. Interactive and nice.

Weak Internet connection is the weakness of the workshop. Attractiveness and motivation is the strength of the workshop.

Weakness is internet connection and strength is interaction with each other

Language

Strength of workshop1. Software usage (such as meti.com) etc

10

WeaknessInternet connection is not stable in here.Strength are I can learn how to teach in online teaching method and get the knowledge related to teaching.

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Omid Noroozi: Omid.Noroozi@wur.nl

Mattijs Smits: mattijs.smits@wur.nl

Kazem Banihashem: kazem.banihashem@wur.nl

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