Participatory Teaching Methods in Online Learning Environments

Wageningen University and Research, the Netherlands

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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

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Important points

Word of thanks
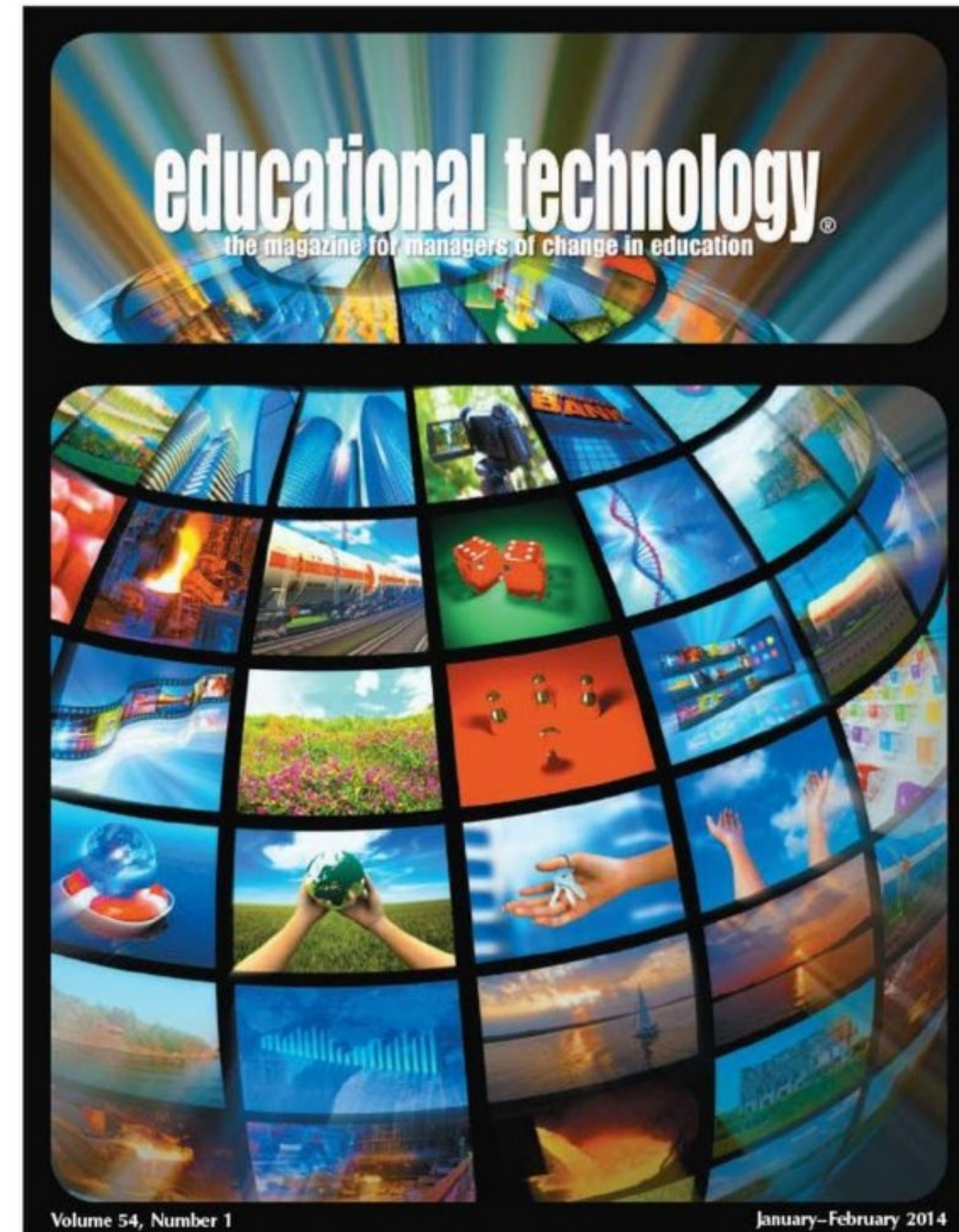
Workshop for online and F2F education?

Participatory workshop?

Slides in English

Mobile phone next to you!

Your attention tested!

educational technology
the magazine for managers of change in education

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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

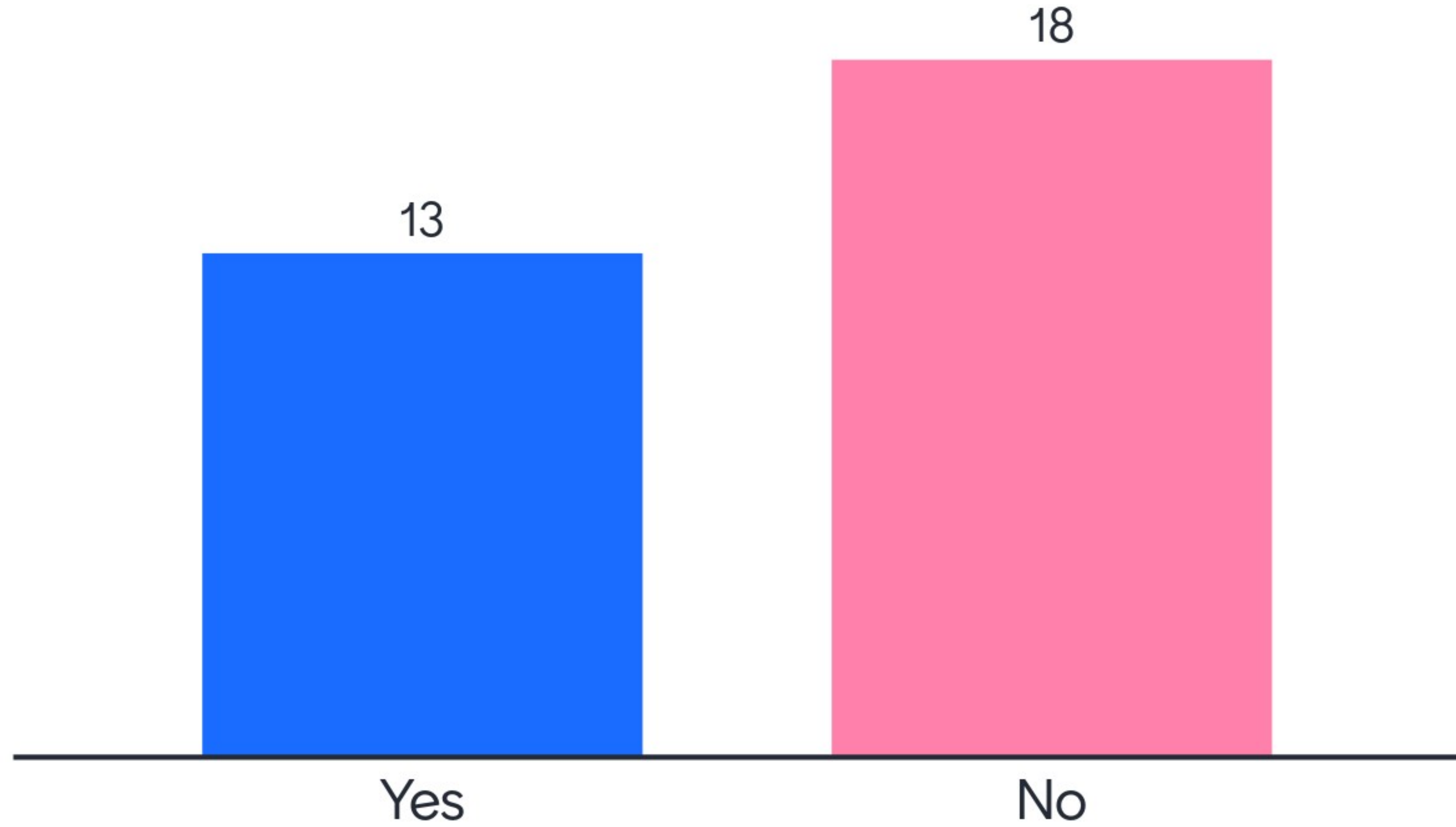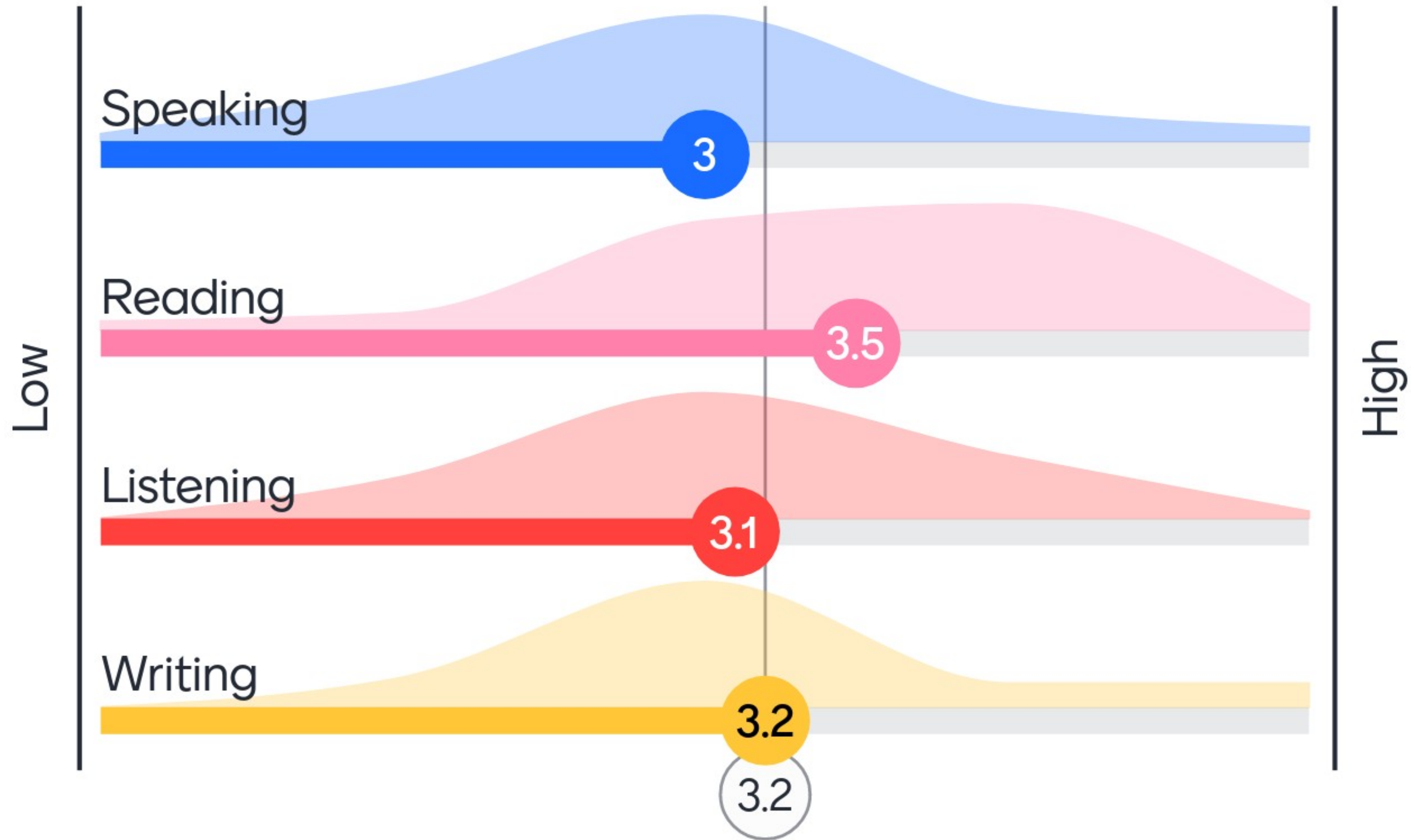- Ranks # **1** for education for >15 years in Netherlands

Have you taken part in our workshops before?

Mentimeter

18

13

Yes

No

English level

Low · High

Speaking — 3
Reading — 3.5
Listening — 3.1
Writing — 3.2

3.2

34

What kinds of graduates do we need?

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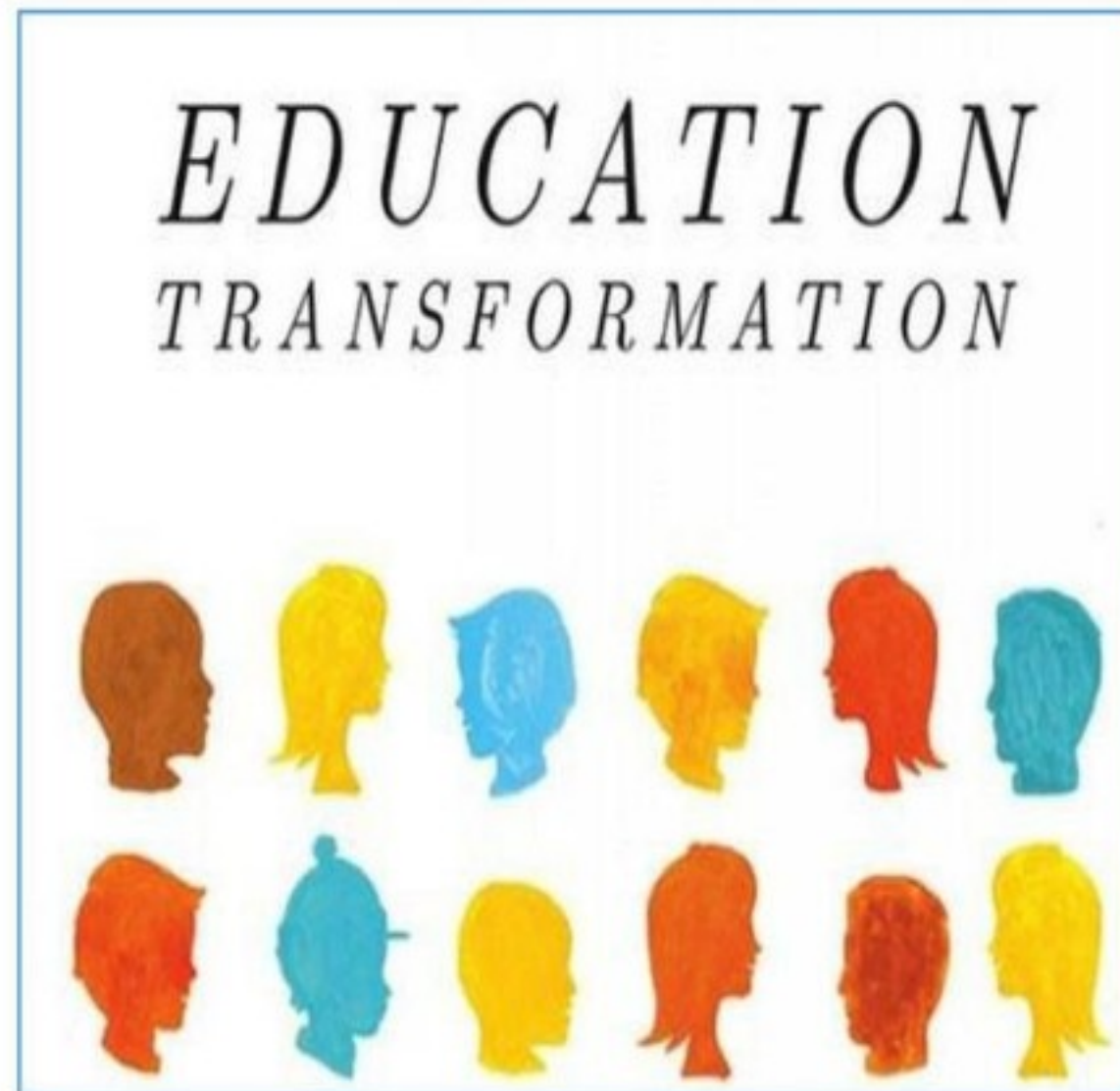- Communication
- Resilience
- Creativity
- Entrepreneurship

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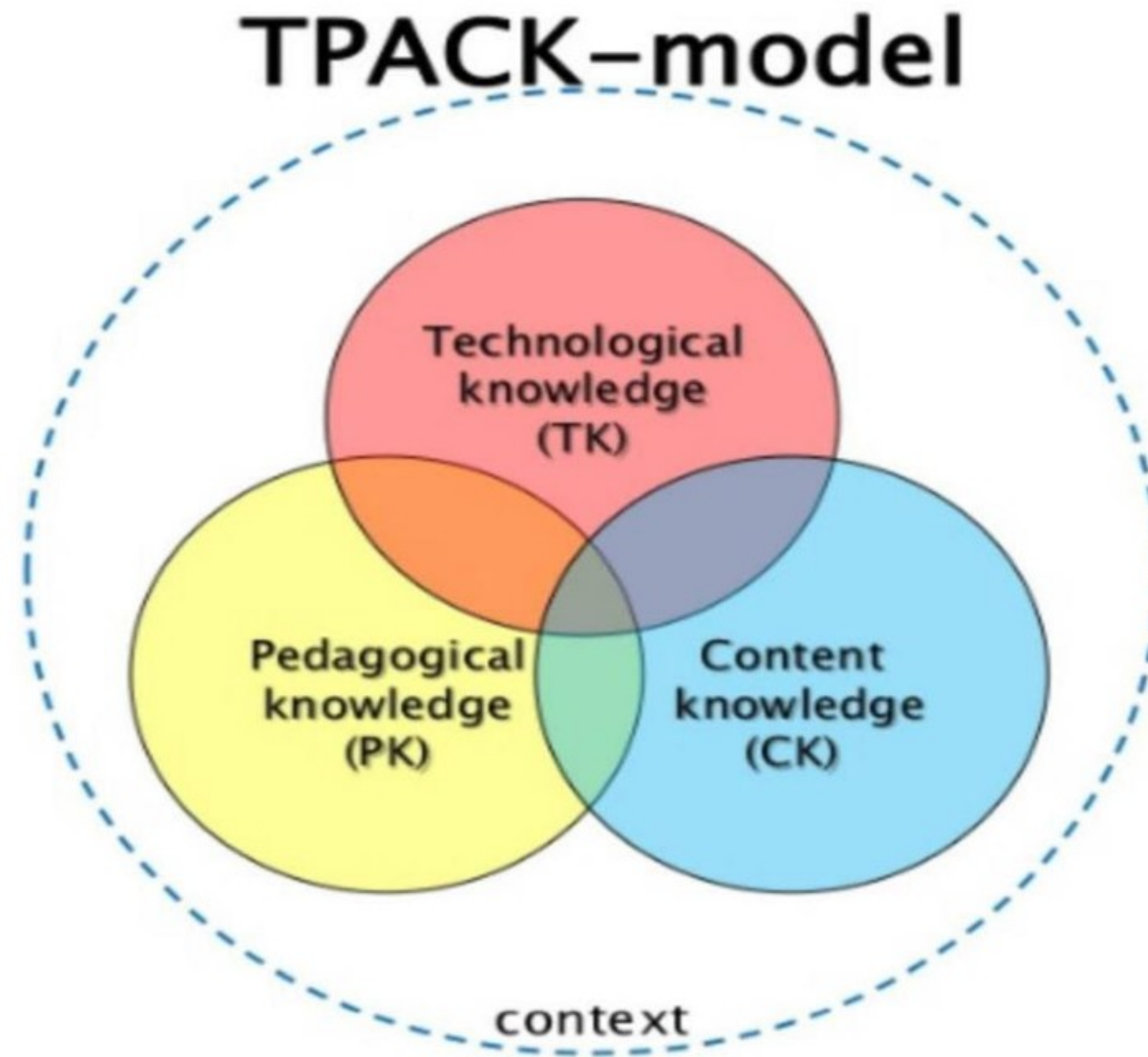# We need education that is:

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

Role of technology

EDUCATION
TRANSFORMATION

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Fischer et al, Spring 2002   5   Design, Learning and Collaboration

Competence-based online education

TPACK–model

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

Distance vs emergency teaching

Distance Teaching   Emergency Remote Teaching

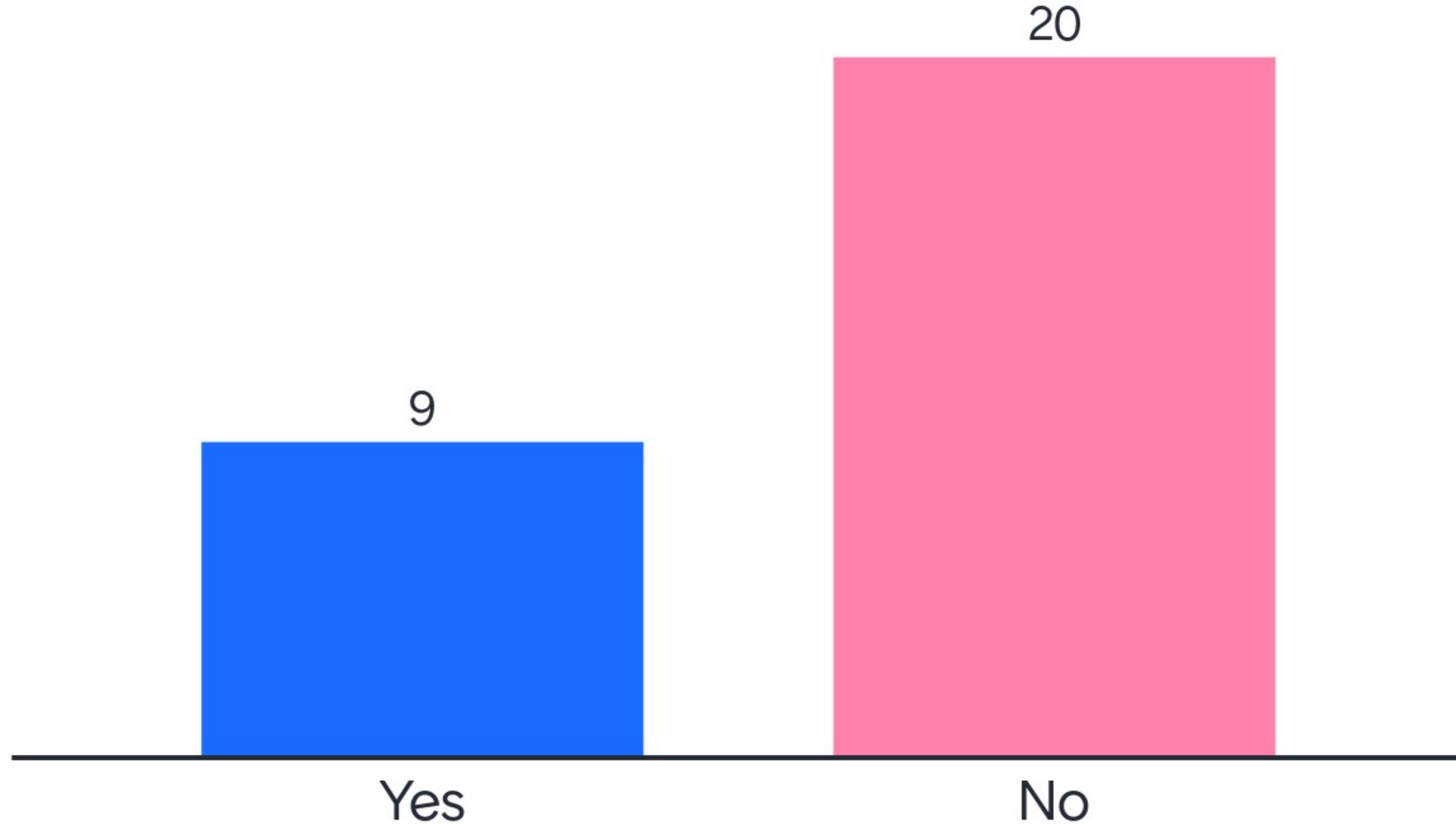(Paul Kirschner, 2020)

Online education rules!

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

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What are the most important competencies for graduates?

challange

owner of family work

communication

creative thinking

collaborative

employee

motivation
all of them

studying

collaboration

creativity

experience

critical thinking

entrepreneurship
active learning
self learning
entrepreneur

critical hinking
analytical thinking

analytical mind

clever

innovation

technology

language skill

argumentative

self-regulation skills

creative

language

creatativity

problem solving

self-regulated

independent

professional

collabration

bussiness man

business

colabretive

27

What are the most important rules in your online classes?
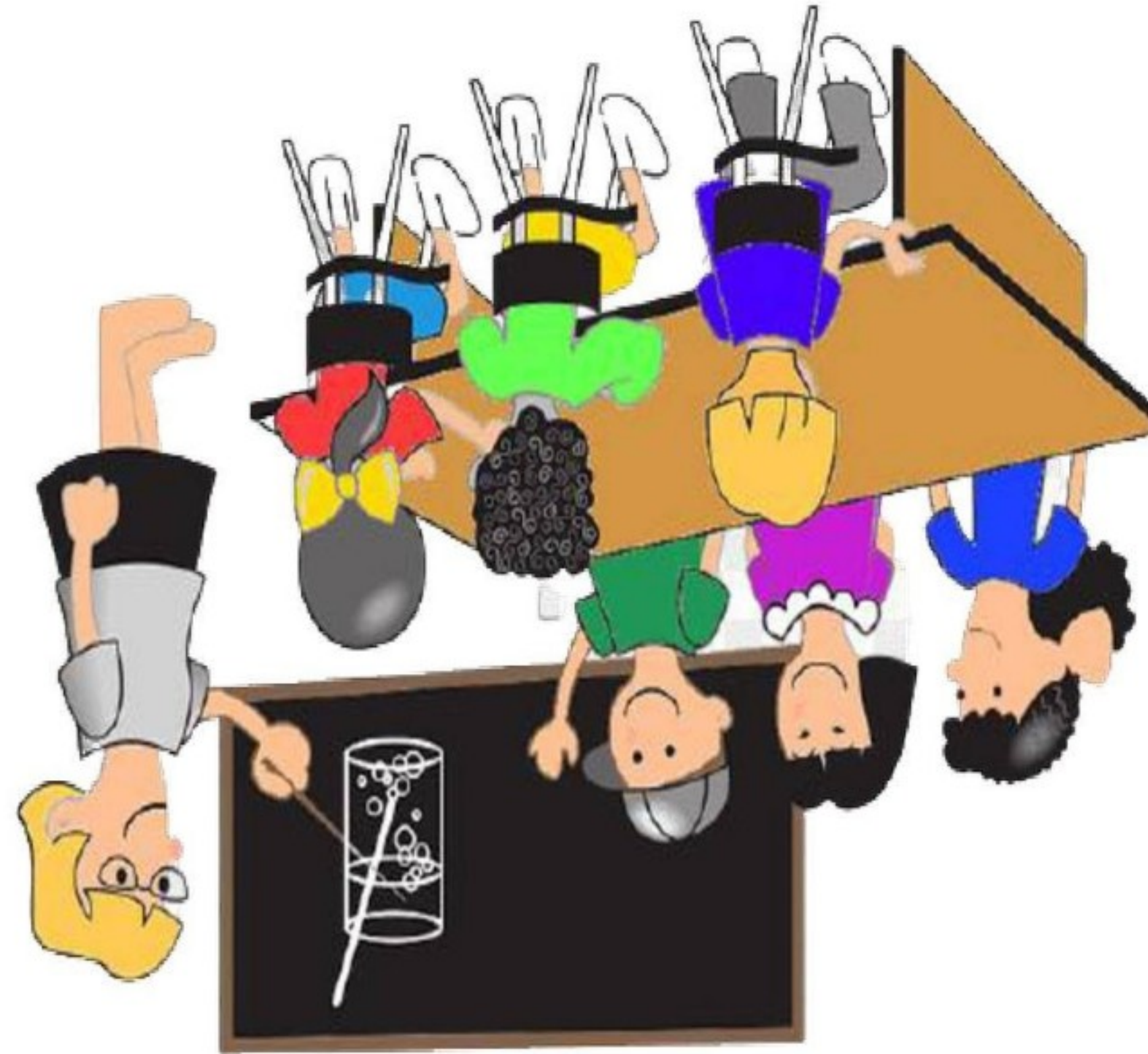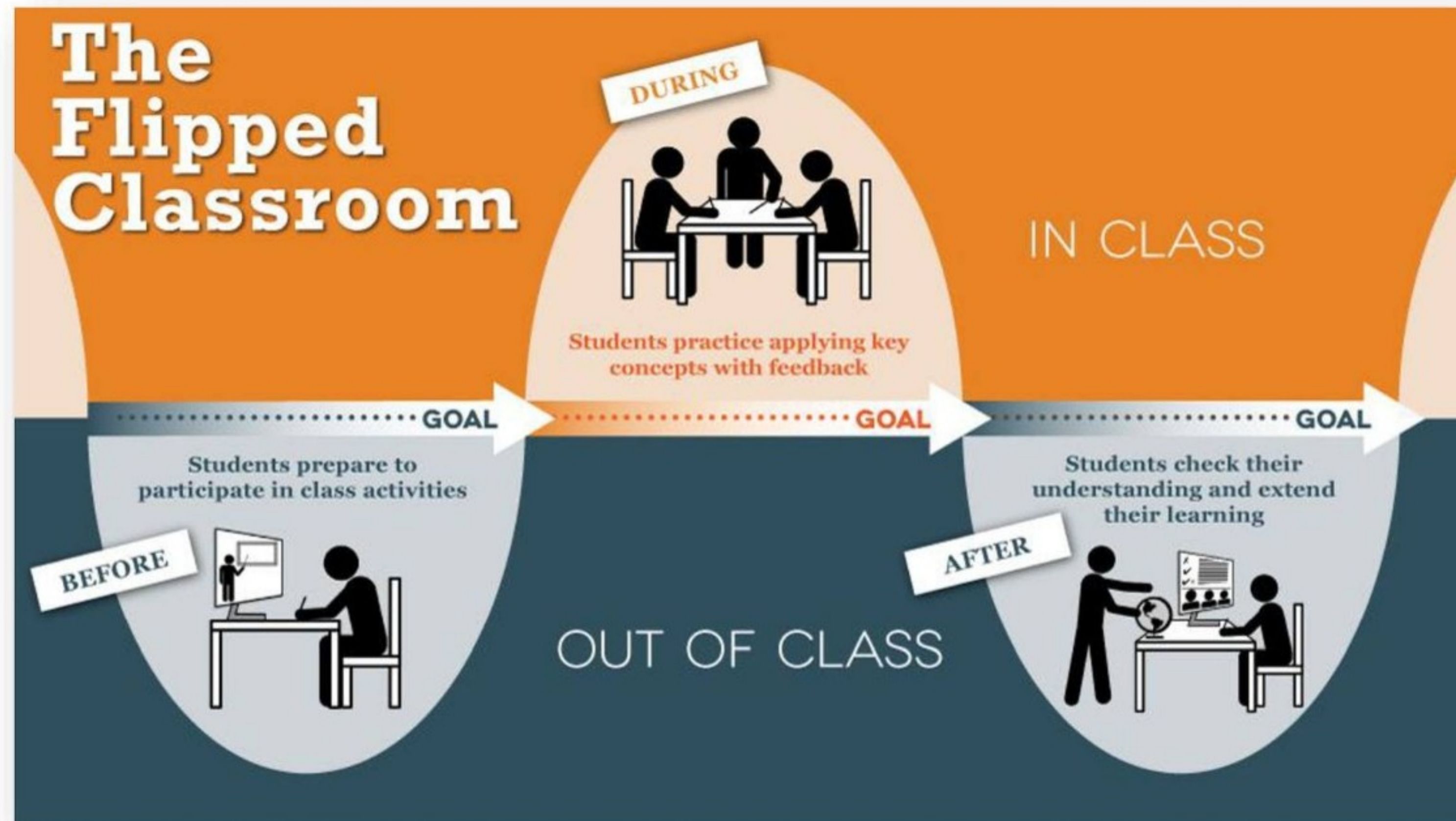
Do you teach online classrooms?

Yes: 9
No: 20

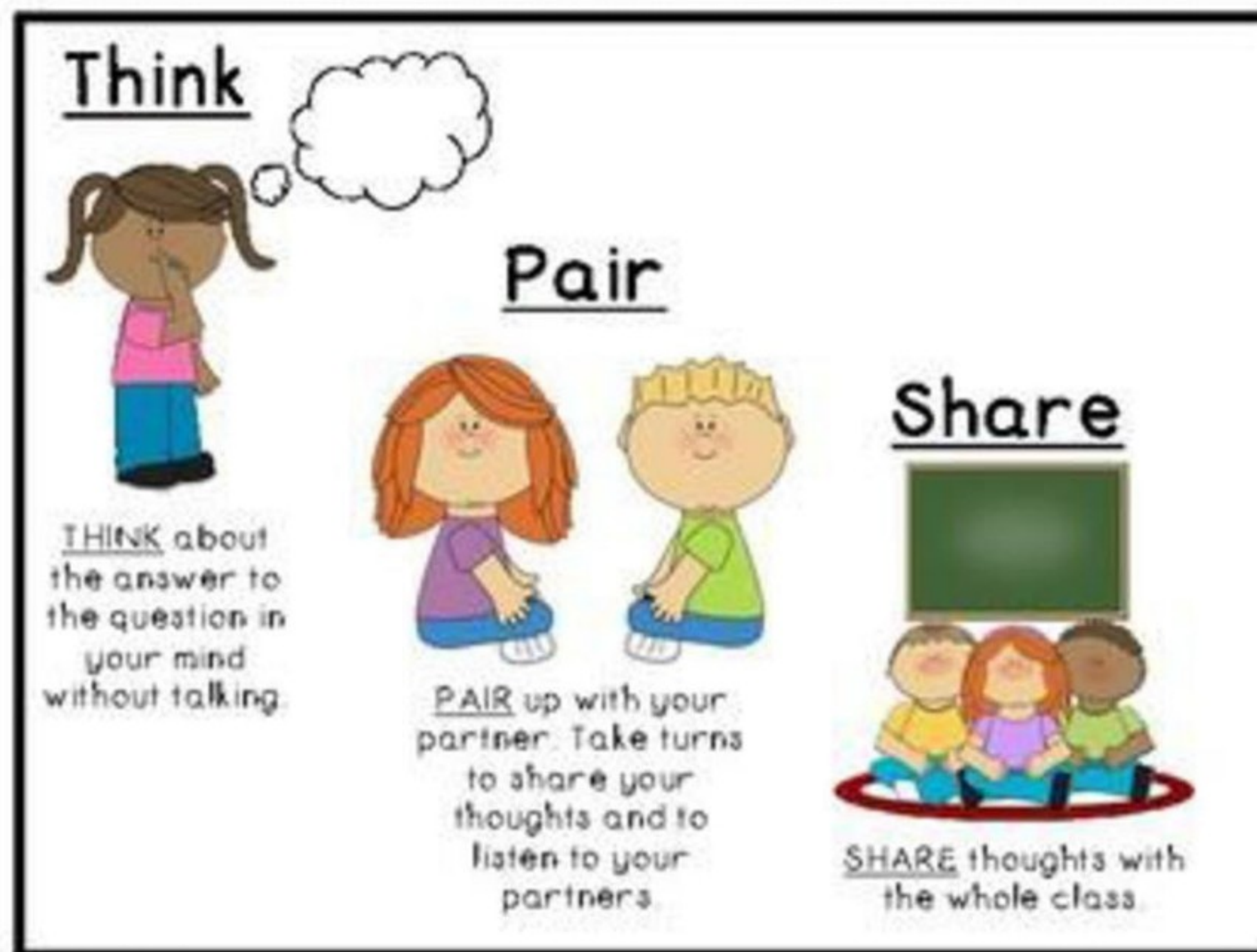# Flipped Classroom in online education

- What it means?

Flip classroom

Group work

- Group work is the essence of flipped classroom!

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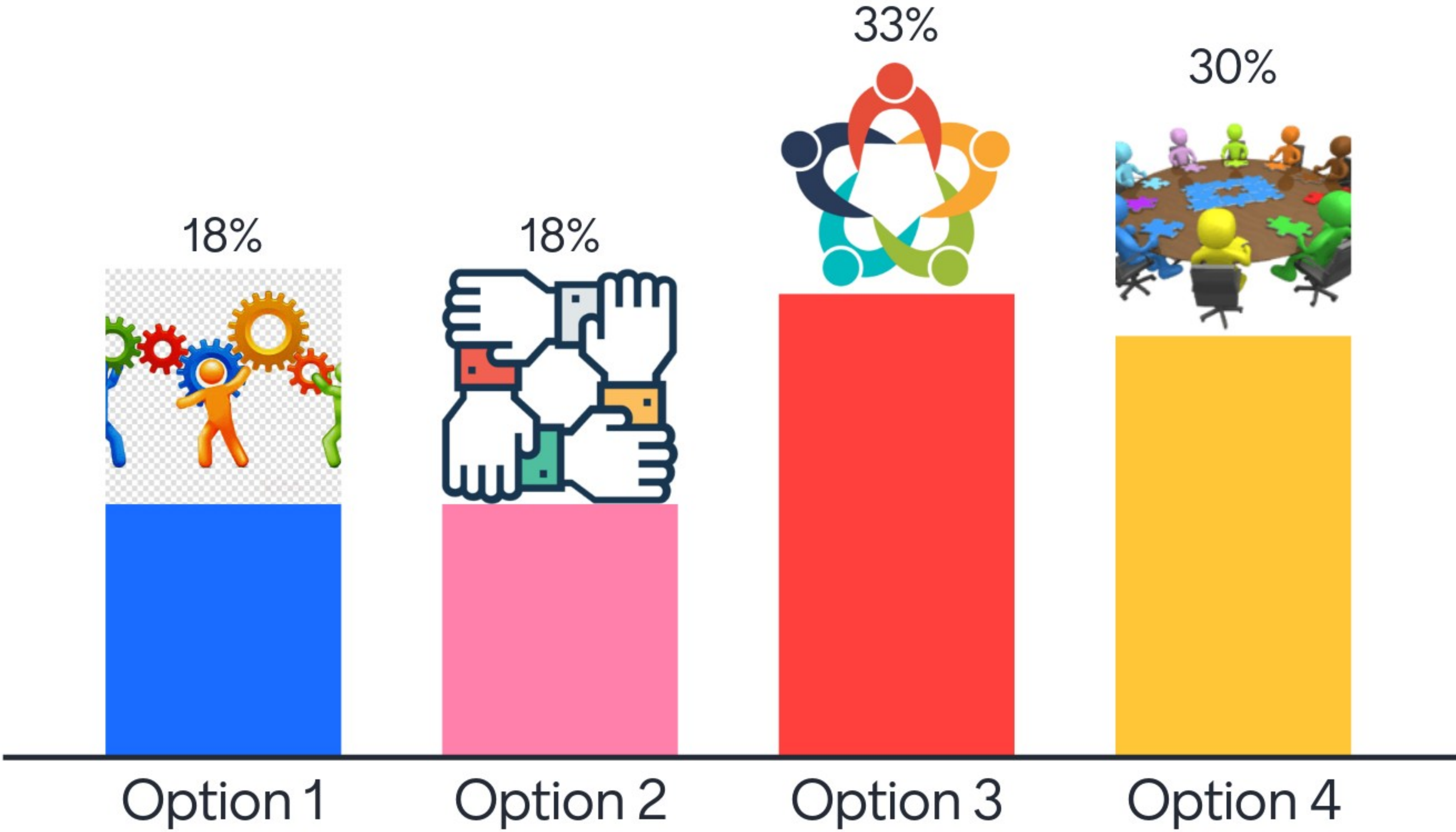For quality of life

Think-pair-share

World cafe

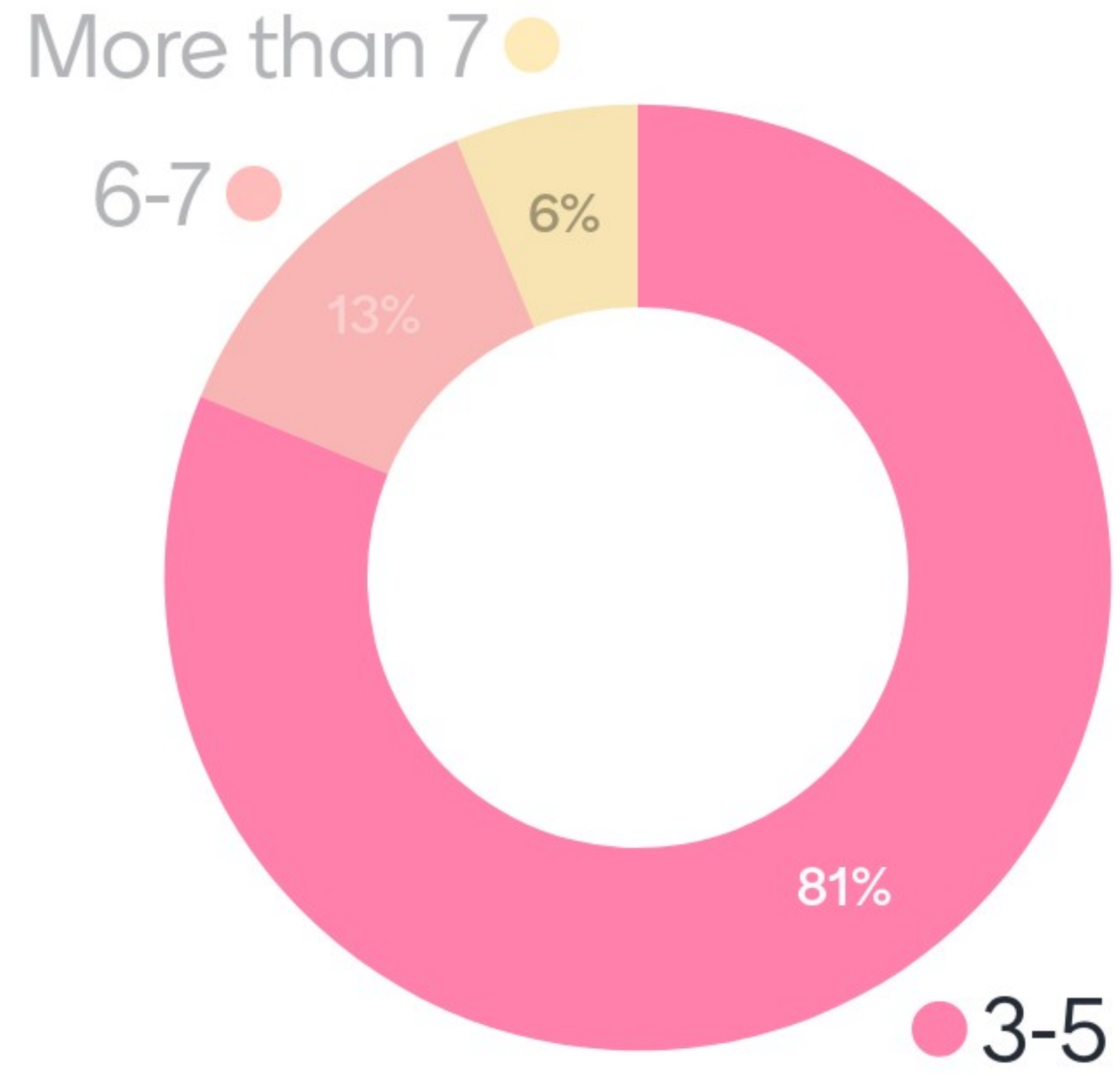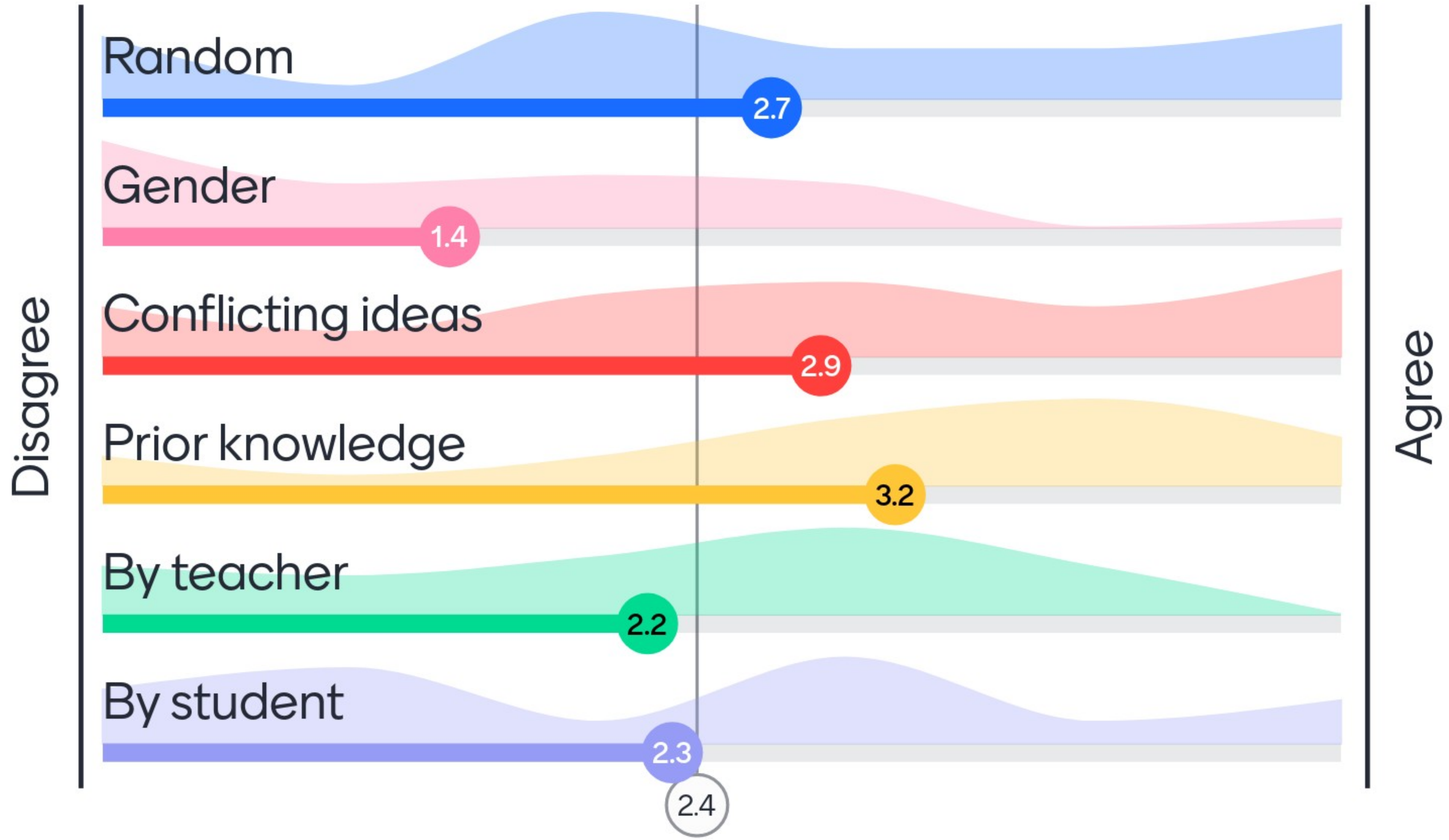# Cooperative vs. collaborative learning

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?

Collection of different ideas and finding the suitable solution for everyone.

conflicts

to be adaptive

no one

4

Debating

Critical thinking

Brainstorming

polite

strong discussion
brainstorming
debate

solved the problem
opposite altitude

of course
fight
fact
why

respect
negotiation
discuss
fighting
yea
contracts
managing a conflict

omid
solution
good for group work

new ideas
share believing things

disagreement
different thoughts

nea
conflict

sharing
can get acccepted results

persuasion
brainstroming
collaboration

james bond
against

debating

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Argumentation-based learning

Classroom Energizers

What is your favourite food?

pickle tea

dizi

kebab

salad
fesenjan

cucumber

mango

plov
shalmin
laab

monhinga

sticky rice

monhinkhar

prawn

rice and curry

mohinga

😉

spicy food

sandwich

pizza

corn

coconut rice

vegetables

fish paste
glass noddle
eat less meat

shan noodle

ghormesabzi
italian pizza

coconut noodle

myanmar food

mote hin khar

shan noodles

hotpot

eat more vegetables

chicken curry

indian char par ti

fish

traditional food

vegatable food

🍜

vegetable crumbs

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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

Yangon, Myanmar
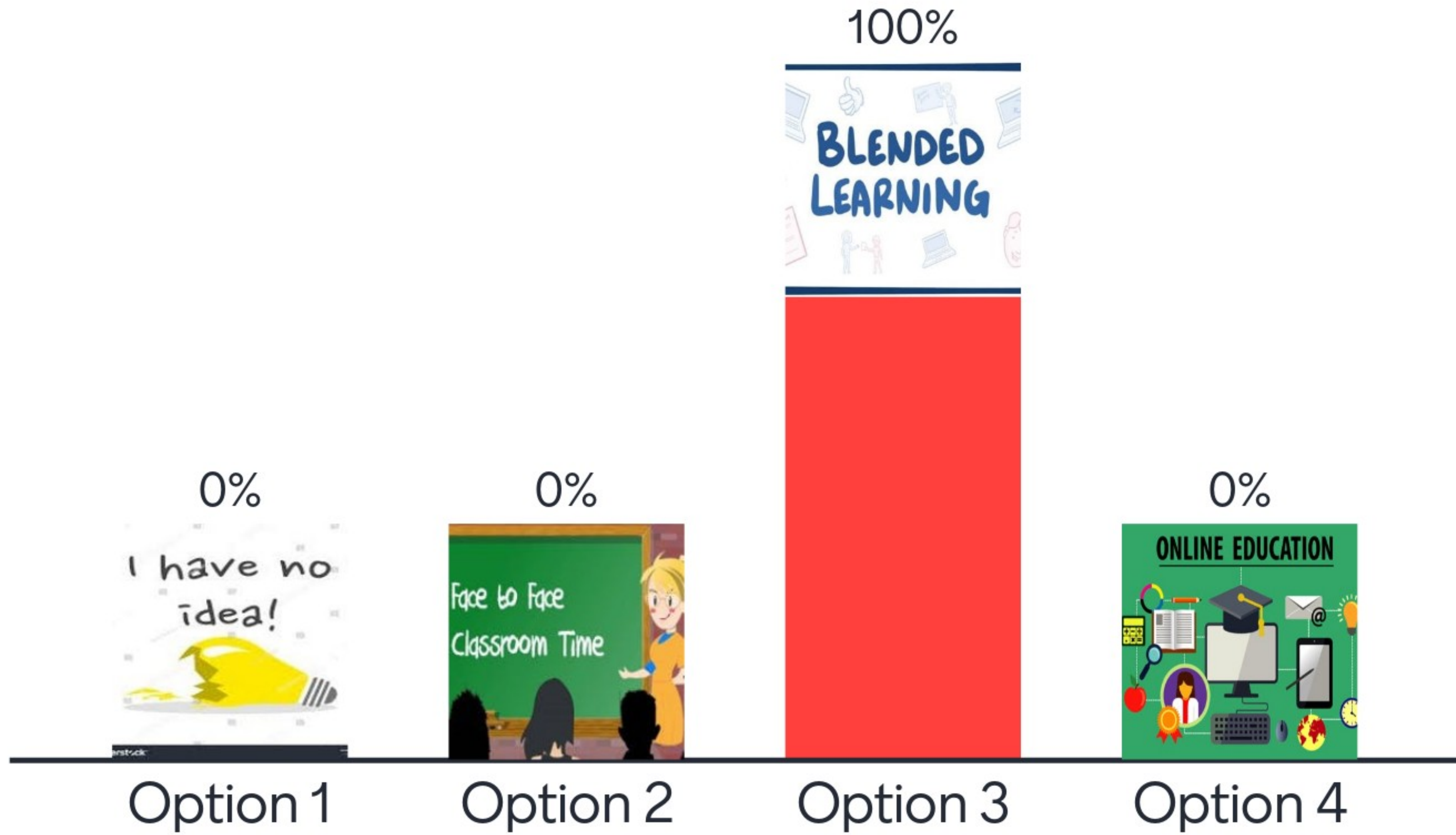
Discussion forum

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

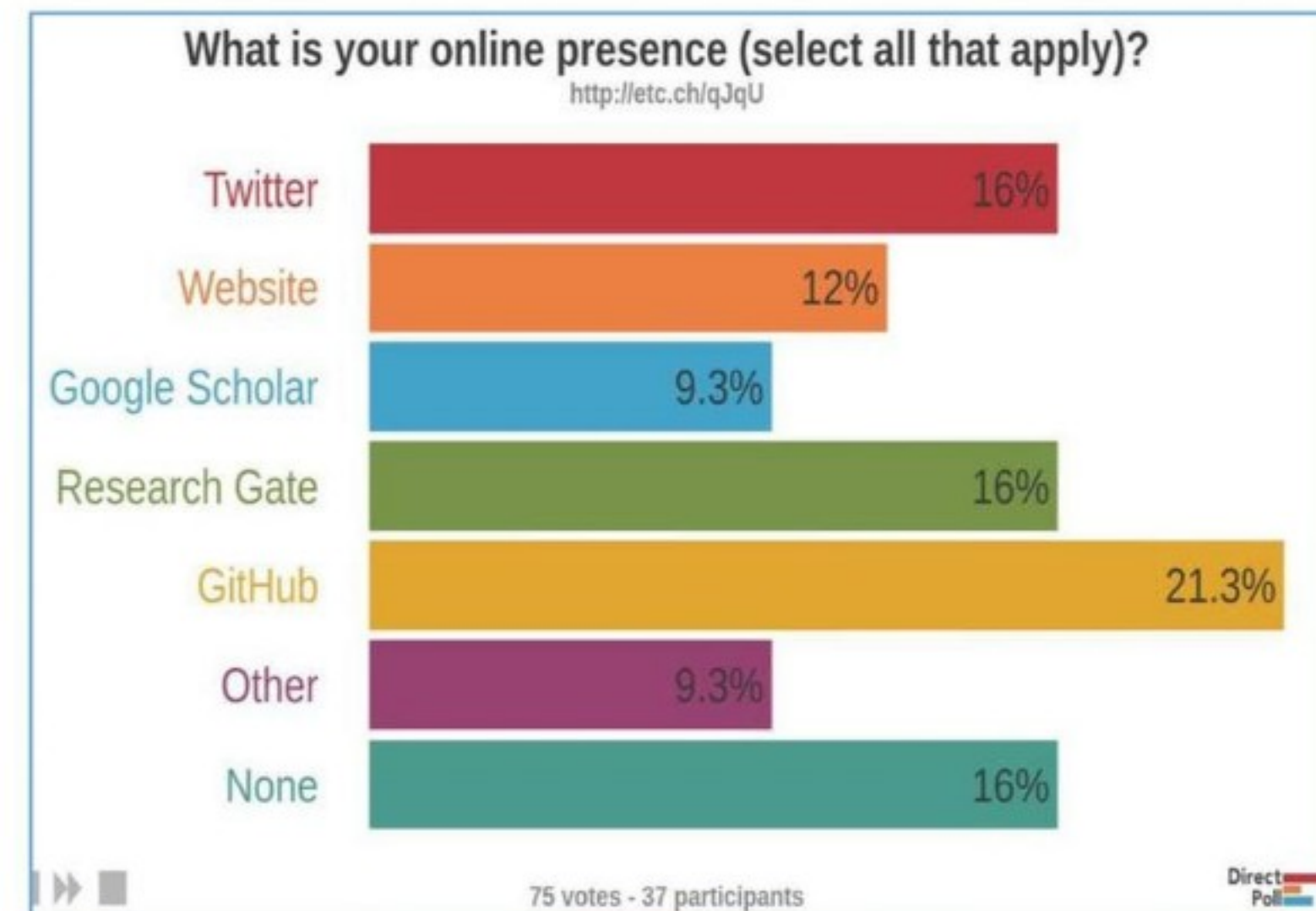WAGENINGEN UR
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Bonus

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

COMPLIMENT / POSITIVE FEEDBACK

CONSTRUCTIVE FEEDBACK

COMPLIMENT / POSITIVE FEEDBACK

Feedback

Feedforward

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Participatory assessment techniques

Participation

Observation
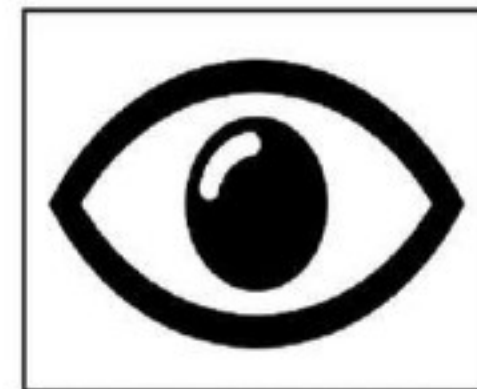
Group project

Individual Projects

Reflections

Exit question/ticket

Self/peer assessment
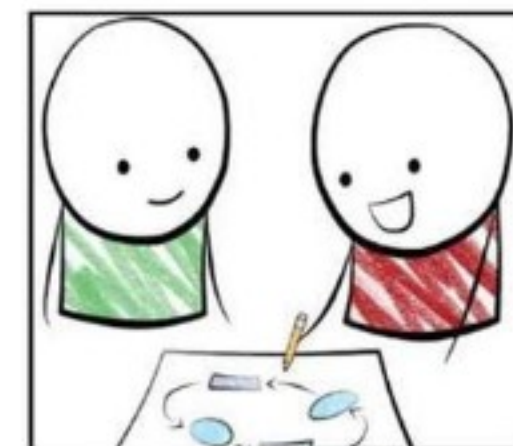
Paper assignment

Presentation

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Reflections at the end of class

- What are the most important thing you learned during this class?

- What was the most difficult topic?

- What important question remains unanswered?

Tell us what you think!

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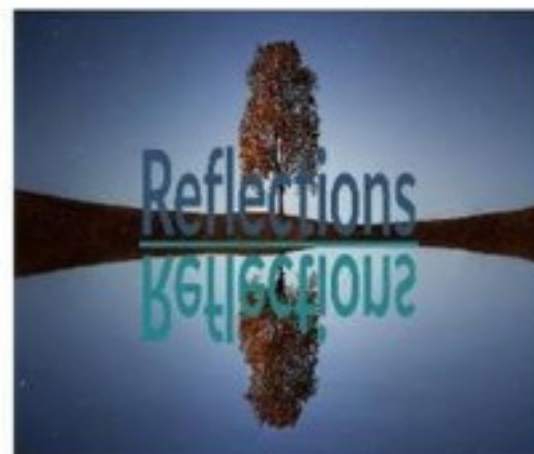# Conclusions and recommendations

- 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

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Final quiz evaluation and summary

- Go to www.kahoot.it

- Enter pin:...

- Enter your first name

- Give correct answer ASAP (do not waste time)

Which workshops would you be interested in?

ims work shop

digital tool

real workshops

teaching method

quality assurance

newer experiences

writing articles

kahoot

being interactive

lms workshop

active learning tools

english listening enhance

group room

qa workshop

friendly environment

online learning

online management system

english proficiency

online

face to face

digital tools

ask me every thing

isi

this one

assesment

methodology

teaching methodology

debate

presentation

practical

blended learning

educational technology

critical thinking

lms

curriculum development

technical workshop

applied experiment

online teaching

online workshop

renewable energy

proposal writing

Digital tools (Strength)

very interactive teachingmore detail on how to prepare online courses

We can't play game very well.we wan't to know our score.

The strength of these workshop is the knowledge for future classroom.

Raise professional qualifications.It had no weaknesses and was perfect and perfect, thank you.

we can learn how to conduct online class actively. We have new idea for online learning. English speaking style is also good for us. We need more group work. Time for myanmar is alittle late for participants.

All of the participant interested or not. We don`t think

Good but take a bit long time.

time intervel/ Excellent presentation

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The strength of the workshop is energetic and the weakness of the workshop is giving too much information.

The weakness of this workshop is not face to face.

1.can get knowledge about respective subjects.2. can share knowledge among country.3.can collaborate to each other.4. can solve problems 5. can improve our higher education.6. can get good acceptable results .

excellent and participatory

When you take the sunmittion, please make to clear for the choose, discussion of the diseared goal. Thank for ur valuable knowledge today.

weakness: time consuming and weak of contactstrength: understandable online teaching within short period

We can learn alot from this workshop about the online learning environment.Thanks alot.

This workship is first time for me. So I could not answer all questions.

Best

22

Excellent and participatory

It would be great participant from more countries (Weakness)

The strength of this work shop is that we could test engaging methods such as khoot and mentimeter. It was really work on audience. And then we could enjoy percious time by listening to diversity ideas .I could not find any weak points. Thank you!

excelent

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THANK YOU

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