





How do you imagine the future of education?

Traditional education

- Students were required to memorize knowledge that was
- given to them by the teacher Every student has to do and think the same way just like how the teacher instructed.
- produces workers eliminates individual characteristics
- diminishes creativity
- treating students as machines to be fed knowledge



In VUCA world education...



- Students need to...
 - o be able to adapt and work on questions or issues where there are no correct answers, by utilizing knowledge.
 - o develop creative thinking skills so they can adapt to the rapidly changing world. $\circ\quad$ develop lifelong learning skills so they can constantly update their knowledge appropriately with time.
- Schools should not be a place where knowledge is provided to students, but a place where students construct knowledge independently.

What does it mean to construct knowledge?

Please pause the video for 10 minutes to think of your answer to this question. What does it mean to construct knowledge?



Constructivism

- Constructivism is based on the idea that reality is constructed socially by
- Unistructivism's based on the local that reality is constructed sociality by humans though their experiences.
 It has not only influenced the education field, but also other fields in Humanities and Social Sciences such as Psychology, and Social Sciences.
 It questions the theory of Positivism.

From the perspective of constructivism...

- Learning is not about transferring knowledge, but it is about the process of ng knowledge independently.
 - \rightarrow Constructivism is questioning the traditional way of education, in terms of how people teach, learn, and assess, as well as how the learning environment should look like.

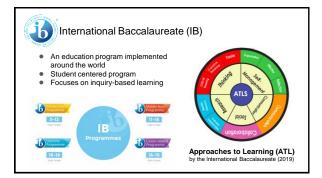
What are some methods that can be used to construct knowledge?

Please pause the video for 10 minutes to think of your answer to this question.

What are some methods that can be used to construct knowledge?



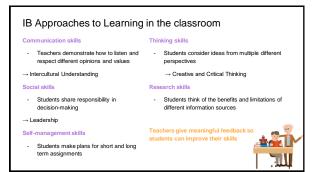
Methods to construct knowledge **Problem-based Learning** Skills: Research Skills Critical Thinking Skills Creative Thinking Skills Communication Skills **Collaborative Learning** Social Skills Self-management Skills Inquiry-based Learning



How can teachers facilitate in fostering these skills in students?

Please pause the video for 10 minutes to think of your answer to this question.

How can teachers facilitate in fostering these skills in students?



References

International Baccalaureate Organization. (2015, January). Approaches to teaching and learning in the Diploma Programme. International Baccalaureate Organization.

International Baccalaureate Organization. (2019, November). What is an IB education? Cardiff; International Baccalaureate Organization.

Organisation for Economic Co-operation and Development. (2018, October 10). Future of Education and Skills 2030: Curriculum Analysis.

Saxion, S. E., & Hill, I. (2014). The International Baccalaureate (IB) programme: An International Gateway to higher education and beyond. Higher Learning Research Communications, 4(3), 42. https://doi.org/10.18870/hlrc.v4(3.123

