





Global challenges







What are the global challenges of 2024 and beyond?*



Copilot

The World Economic Forum's Global Risks Report 2024 highlights several critical challenges that humanity faces in 2024 and beyond. Let's delve into these pressing issues:

- 1. Climate and Conflict: The world grapples with climate change and ongoing conflicts, destabilizing the global order.
- 2. Misinformation and Disinformation: The spread of false information poses severe risks to societies and trust in institutions.
- 3. Multipolar or Fragmented Order: Geopolitical tensions may lead to a multipolar world order.
- 4. Cascading Shocks: Interconnected challenges impact global stability.
- 5. Long-Term Climate-Related Threats: Climate change remains a critical concern for ecosystems, economies, and societies.

In summary, the world faces a stormy and unpredictable future, characterized by complex interplays of environmental, geopolitical, and technological factors. Addressing these challenges requires concerted global cooperation and innovative solutions 1.

Weitere Informationen 1 = weforum.org 2 T time.com 3 soxfordeconomics.com



Request to MS Copilot, and merged responses of MS Copilot (2024, February 10).

A plan of action:

SUSTAINABLE GALS DEVELOPMENT GALS





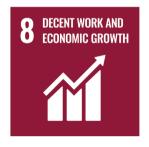
































^{*} United Nations (2024, February 08). (German) Federal Ministry of Education and Research (2024, February 08). Image source: https://www.un.org/sustainabledevelopment/news/communications-material/ (2024, February 08). In accordance with the UN Guidelines: https://www.un.org/sustainabledevelopment/wp-content/uploads/2023/09/E SDG Guidelines Sep20238.pdf

SDG 4 & Education for Sustainable Development (ESD):



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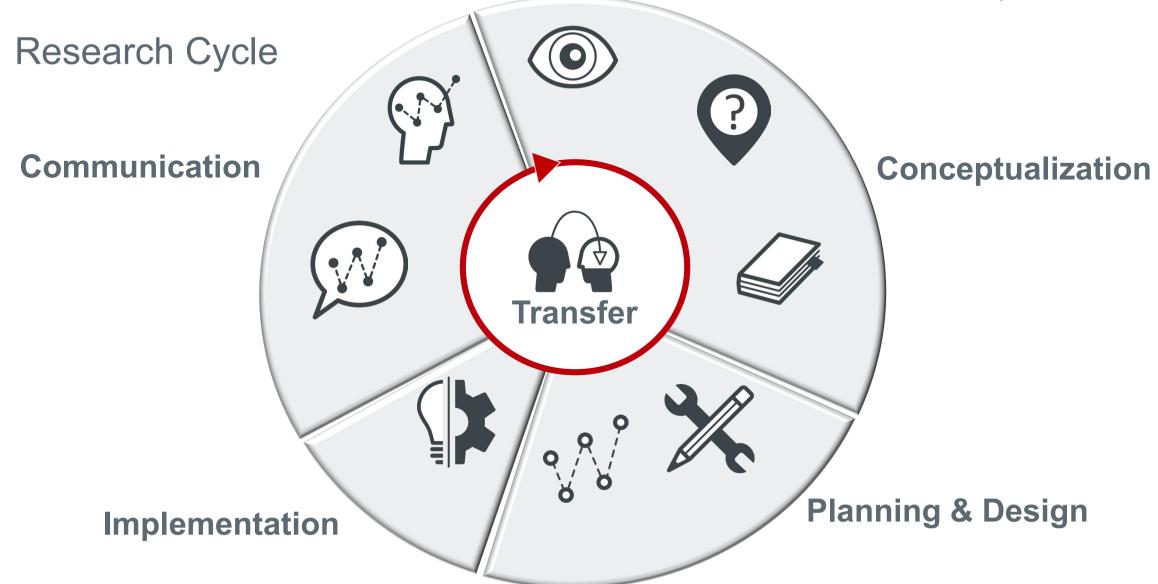
Inquiry-Based Learning

Inquiry-Based Learning (IBL) is distinguished from other forms of learning by the fact that learners (co-)design, experience and reflect on the process of a research project, aimed at gaining knowledge that is also of interest to others, at its essential stages: from the development of questions and hypotheses, through the selection and implementation of methods, to the examination and presentation of results in independent work or in active collaboration in a larger project.*



^{*} Huber & Reinmann (2019). Translation supported by DeepL and DeepL Write (2024, February 08).







Thought Experiment

Can Inquiry-Based
Learning offer a suitable
educational setting for
transformative and
experiental learning?





In a nutshell: Transformative and Experiental Learning (simplified)

active experimentation

trying new roles

building confidence reintegration

concrete experience

disorienting dilemma

reflective observation

self-examination

critical assessment

abstract conceptualization

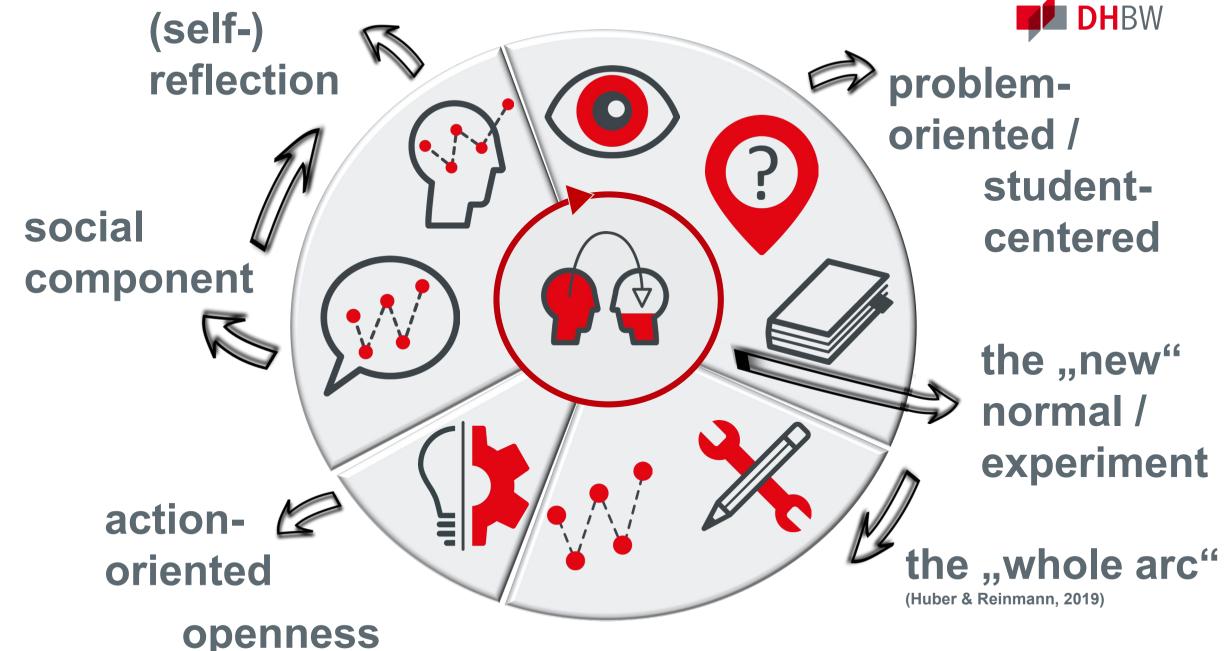
recognition of shared experience
exploration of options
planning of new course
acquisition of knowledge



Learning environment needed

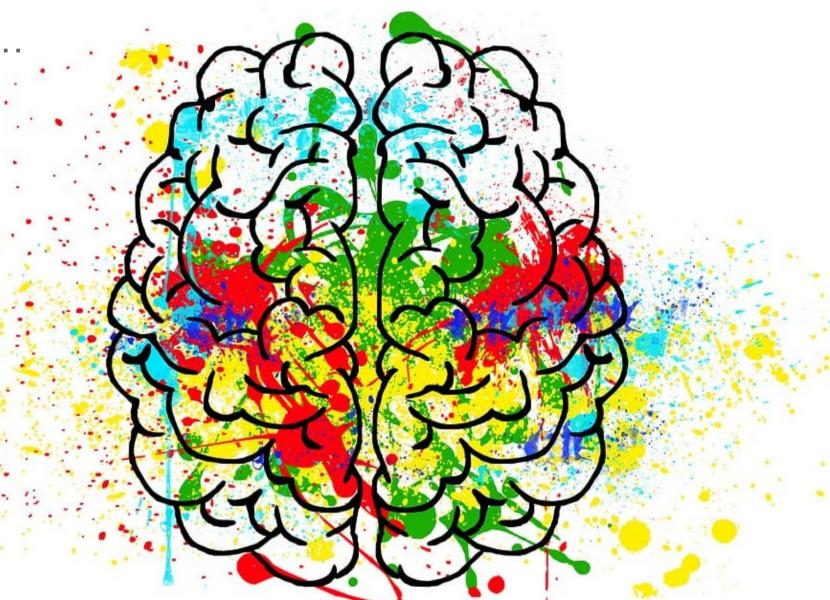








To sum up ...





Inquiry-Based Learning has the *potential* to build a learning environment that offers:

- active producing and experience
- emotion and reflection
- open environment and support
- transformation

To be mentioned:

- Inquiry-Based Learning doesn't take off by itself.
- Transformative processes are open and cannot be guaranteed to happen.









Image sources



Yuri B on pixabay

https://pixabay.com/de/illustrations/weltkarte-hintergrund-papier-farbe-2401458/



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Clker-Free-Vector-Images on pixabay

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Remo Pohl Illustration



ElisaRiva on pixabay

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The presentation has reached the end.



