Awareness-based climate education and co-creation

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"No problem can be solved from the same consciousness that created it.

We have to learn to see the world anew." - Albert Einstein

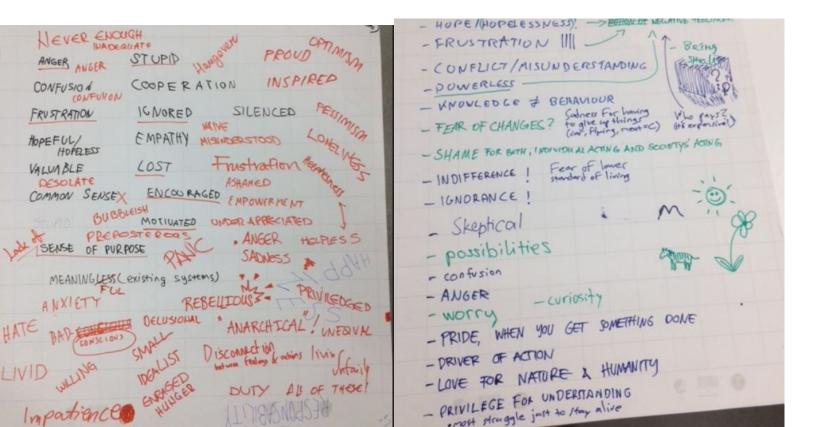
AGENDA

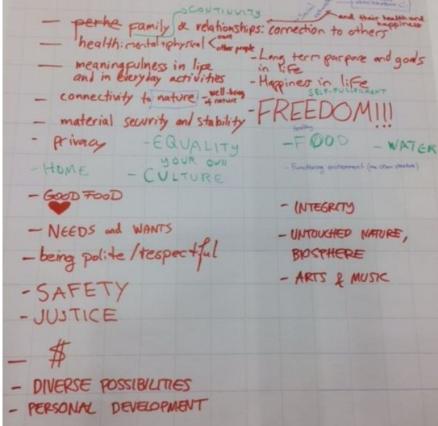
10.30-11.30

- Introduction (15 min)
- Journaling exercise (30 min)
- Reflective dialogue & takeaways (15 min)

Values and feelings in climate education

- Individual response to the planetary crisis
- The importance of meaning and satisfying life





Challenges to be addressed in education

- Difficulties in facing students' anxiety for planetary situation and requirements for practical tools for solving it
- Students may graduate without acquiring sufficient competencies for dealing with their feelings and managing the complexity. They still may feel lacking the 'right answers' concerning the different interpretations on sustainability
- Educational challenges: what to teach, how to teach, when to teach, who should teach?
 - what is the final aim?

Transformative learning

- a profound shift in awareness that alters one's way of being in the world and one's view of the interconnectedness of self, the human community and the natural environment (O'Sullivan 2002; 2008)
- goes beyond epistemological processes of a change of worldview to an ontological process of a change in being in the world (Lange 2004)
- Head, hands and heart model (Orr, 1992; Sipos et al. 2008)
 - Cognitive, affective and psychomotor domains of learning
- The epistemology of awareness-based methods reinforce the shaping factors of transformative learning: critical reflection, emotional engagement and relational knowing

Key competences for sustainability education: Self-awareness

Systems thinking competency: the abilities to recognize and understand relationships; to analyse complex systems; to think of how systems are embedded within different domains and different scales; and to deal with uncertainty.

Anticipatory competency: the abilities to understand and evaluate multiple futures – possible, probable and desirable; to create one's own visions for the future; to apply the precautionary principle; to assess the consequences of actions; and to deal with risks and changes.

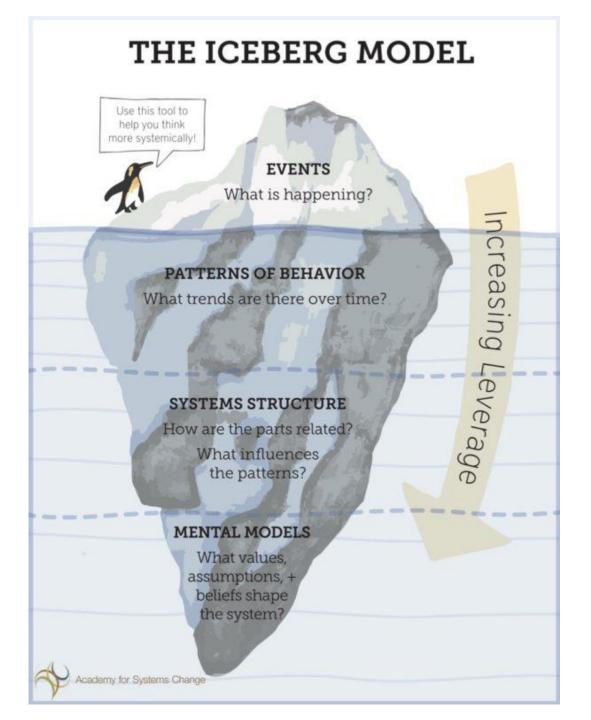
Normative competency: the abilities to understand and reflect on the norms and values that underlie one's actions; and to negotiate sustainability values, principles, goals, and targets, in a context of conflicts of interests and trade-offs, uncertain knowledge and contradictions.

Strategic competency: the abilities to collectively develop and implement innovative actions that further sustainability at the local level and further afield. Collaboration competency: the abilities to learn from others; to understand and respect the needs, perspectives and actions of others (empathy); to understand, relate to and be sensitive to others (empathic leadership); to deal with conflicts in a group; and to facilitate collaborative and participatory problem solving.

Critical thinking competency: the ability to question norms, practices and opinions; to reflect on own one's values, perceptions and actions; and to take a position in the sustainability discourse.

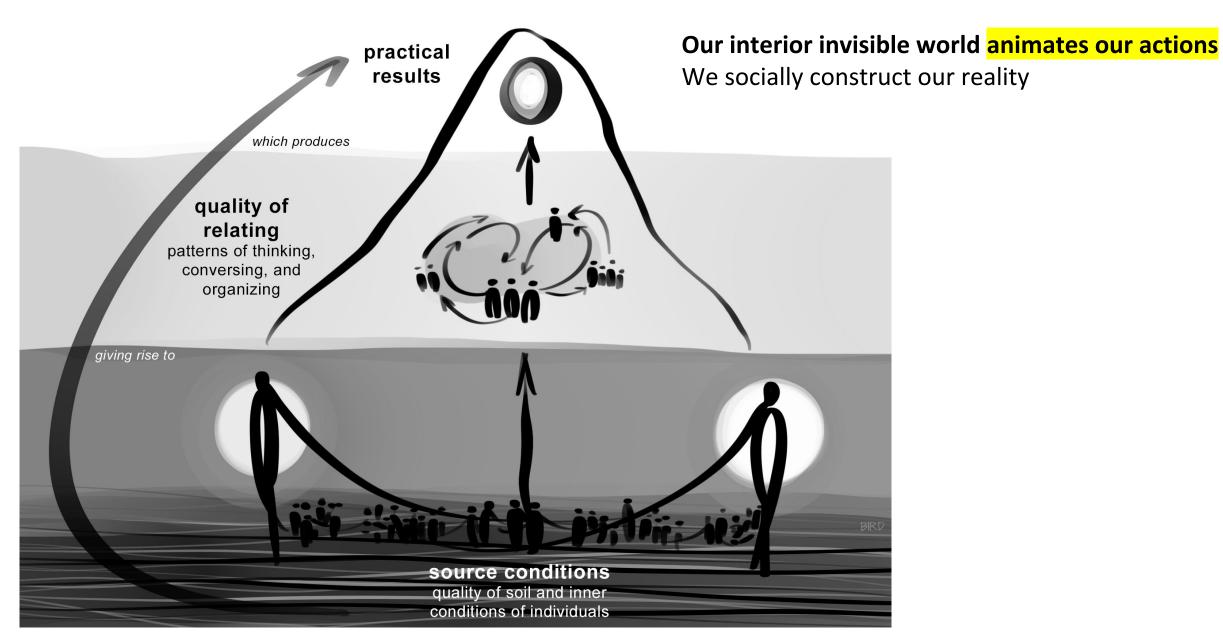
Self-awareness competency: the ability to reflect on one's own role in the local community and (global) society; to continually evaluate and further motivate one's actions; and to deal with one's feelings and desires.

Integrated problem-solving competency: the overarching ability to apply different problem-solving frameworks to complex sustainability problems and develop viable, inclusive and equitable solution options that promote sustainable development, integrating the abovementioned competences.



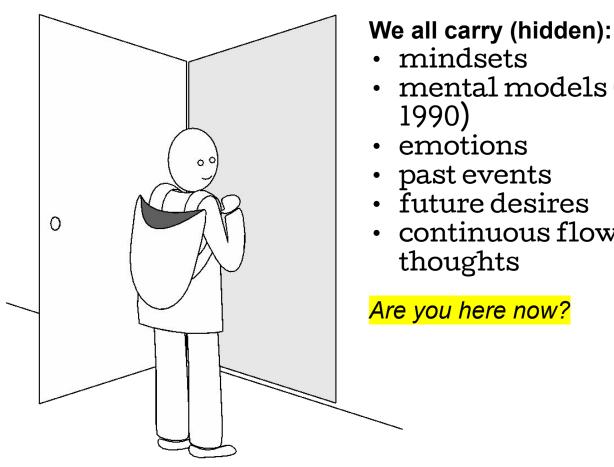
Awareness-based approach to promote and ensure the empowering, transformative potential of higher education

http://donellameadows.org/wp-content/userfiles/iceberg-model.pdf



https://medium.com/presencing-institute-blog/social-field-resonance-how-to-research-deep-structures-of-the-social-system-544d68654abf

BECOMING AWARE - what do you bring with you when you enter the room?



• mental models (Senge

• continuous flow of

Layers of 'preventing factors':

- self-criticism
- roles
- expectations
- judgements
- fears (lack of smth)
- · fear of the unknown

Awareness-based systems change

framework: Theory U

Two parallel transformation journeys

"transforming society and self"

1. Co-initiating:

uncover common intent stop and listen to others and to what life calls you to do

2. Co-sensing:

observe, observe, observe connect with people and places to sense the system from the whole

5. Co-evolving:

embody the new in ecosystems
that facilitate acting
from the whole

4. Co-creating:

prototype the new in living examples to explore the future by doing

3. Presencing:

connect to the source of inspiration and will go to the place of silence and allow the inner knowing to emerge





DEMO: Journaling exercise (30 min)

Reflecting + future potentials

- What is my own role in the climate crisis?
- What is my field's role in the climate crisis?
- What is my desire for future directions?
- What life calls me to do?

- Reflective dialogue & takeaways (15 min)

Readings relating to sustainability education

- Jaakkola, N. (2019): "Sä voit vaikuttaa asioihin": Diskursiivinen analyysi kestävyyden merkityksistä yliopisto-opetuksessa. Pro gradu, Helsingin yliopisto.
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- Senge, P. M. (1990). The fifth discipline: The art and practice of the learning organization. New York: Doubleday Currency.
- Scharmer, C. O. (2009). Theory U: Learning from the future as it emerges. Berrett-Koehler Publishers.
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- Takanen, T., Petrow, S. (2013). The Power of Encountering a Story of Co-Creative Process Inquiry. OGE. Bookwell Oy, Porvoo.
- journaling exercise and questions: https://www.presencing.org/resource/tools/guided-journaling-desc