



Shift Happens!

Introduction to 3 theme's
Shifting Paradigms

Shift Happens 2016

- See clip: <https://www.youtube.com/watch?v=uqZiIO0YI7Y>





We need paradigm thinking!

What is a paradigm?

- A **paradigm shift**, as identified by American physicist and philosopher [Thomas Kuhn](#), is a fundamental change in the basic [concepts](#) and [experimental](#) practices of a [scientific discipline](#).

OH WOW!
PARADIGM SHIFT!



Paradigm as thinking frame in education

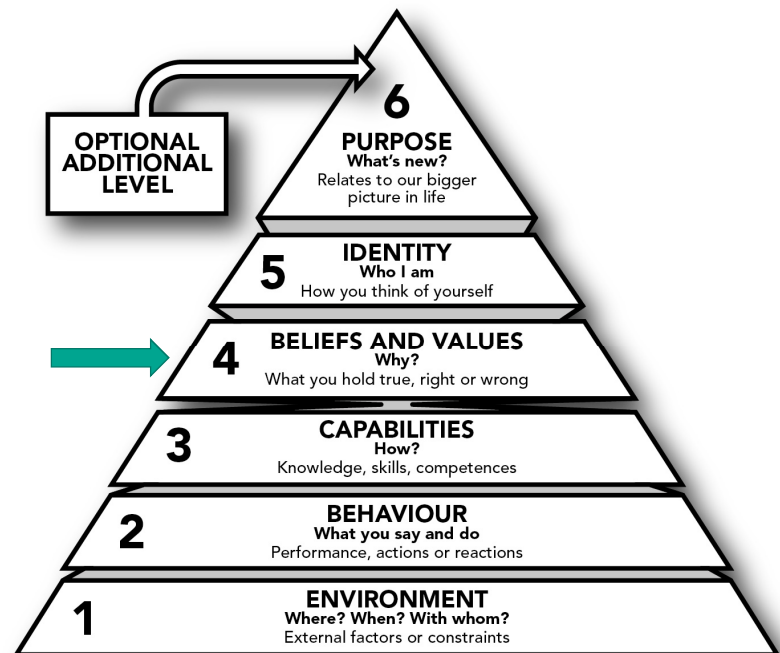


Paradigm shift in education



Paradigm thinking as searching for our convictions

Dilts & Bateson



TRAINERS AND FACILITATORS: CONVICTIONS

	OLD	NEW
Conviction 1: Media	Face-to-face contact is a condition for intimacy and learning	There are various channels (online and face-to-face) each has its advantages
Conviction 2: Goal	Goal is a good event	Goal is a changing practice/ development
Conviction 3: Time	Working in a linear manner, workshop after workshop	Having continuously some attention for a variety of trajectories
Conviction 4: Information	Is selected and offered by trainer/facilitator	Participants go out to look for information with support
Conviction 5: Role of participants	Participate in a process designed by facilitator/trainer	Participants active in a self-directed learning process



New Paradigm in Education

PRESENT

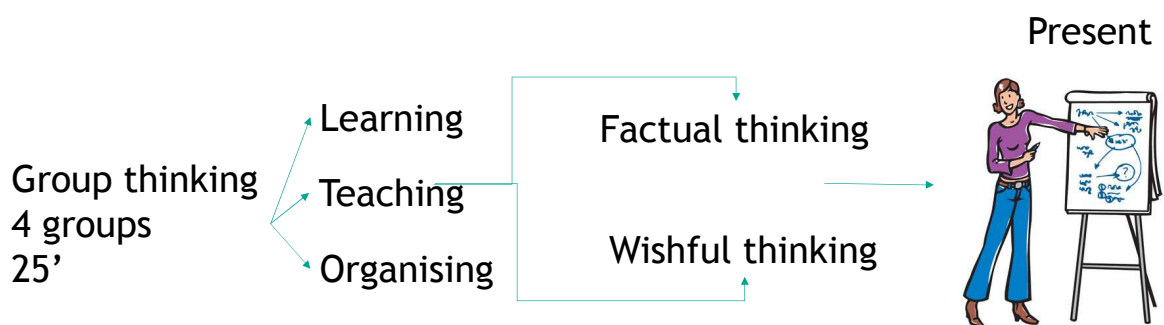
- Information-based
- Compartmentalized
- Abstract & Detached
- Subject-centered
- Mechanistic
- Discipline-specific
- Analytical thinking
- Paradigm-specific
- Professional

FUTURE?

- Idea-based
- Contextual
- Life-centric & Value-based
- People & Person-centered
- Organic
- Trans-disciplinary
- Synthetic & Integrative thinking
- Multi-paradigmatic
- Personality & Individuality

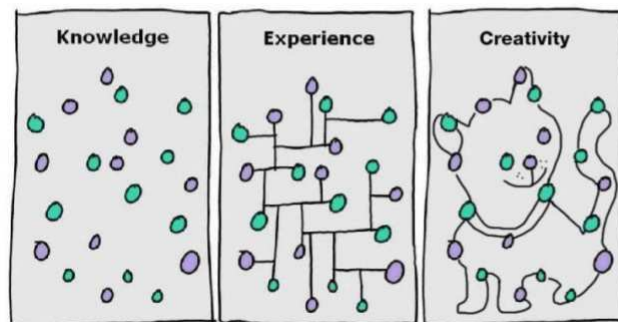


Explore your paradigm thinning





Future learning



Developing competency (knowledge-oriented, skill-oriented, focused attitude)

- Adapted to the learning needs of the learner
- Cooperative, learning together
- Self steering and metacognitive based self-determination theory
- Developing Talent
- Shifting to learners ownership of learning
- In addition to knowledge processing also knowledge construction
- Co-creative and entrepreneurial
- Durable and enthusiasm for life learn
- Inspired by different learning theories supported (behaviourism, social constructivism, connectivism)
- 21st century skills
- High Impact Learning



Future teaching

Future teachers will focus on

- UDL principles as powerful learning environment
- Different models and differentiation as response to super diversity
- Cooperative methods for effective learning
- Co-Teaching and team-teaching
- Effective “coaching to empowering the learning
- Assessment AS learning
- Interdisciplinary and integrated
- Real life connected and ICT supported
- Blended and flipped
- From a mix of educational and didactic insights
- Making the learning visible



Future schools

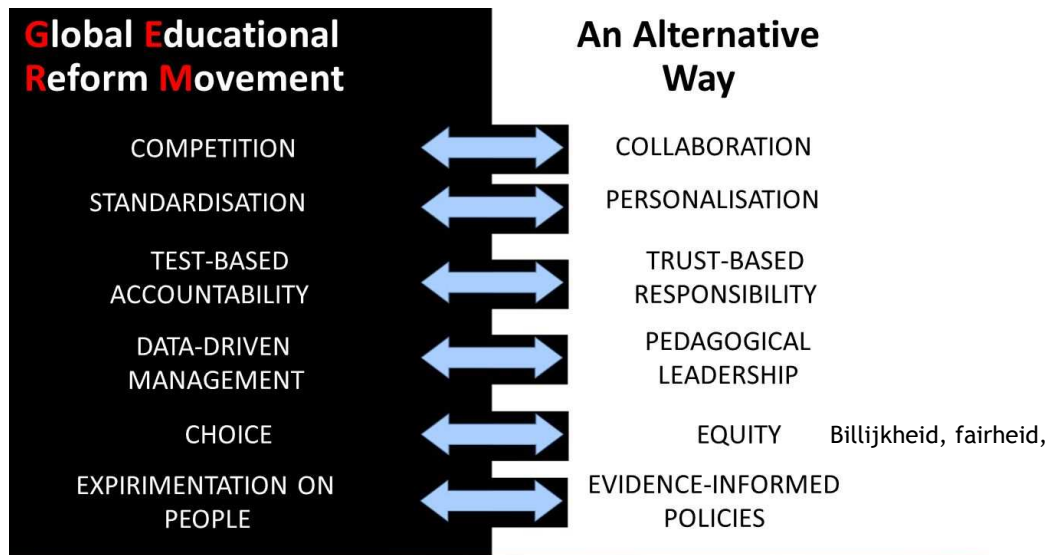
Future schools will focus on

- Rescheduling time frames and teaching time
- Open and transparent infrastructure
- Flexibly deployable of teacher competencies
- Subsidiarity and flat organizational models
- Autonomous and self steering teaching teams
- Sharing knowledge management
- Participative dynamic and decisive
- With experimental projects as action research
- smart schools organization
- Co-Teaching and team-teaching models
- Flexible learning groups



Pitfalls for innovation

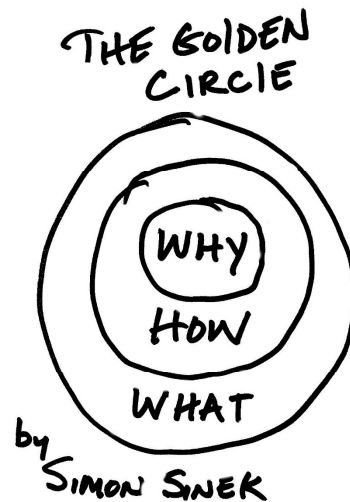
Pitfalls: GERM: Global Education Reform Movement



Trends for future education

Mega trends that influence education world wide

Why is more important than what and how!



Customizing, personalising, snowflaken



United in diversity



AAAL Anything, anytime, anywhere learning



The customer (learner) does more



More 'crossovers' inter and plural disciplinary working



Learning by doing, experience based



Technology driven



Learning in Tomorrowland!

- What do these trends mean for learning, teaching and organizing?
 - Cooperative learning
 - Self-steering
 - Competence based
 - Talent-oriented
 - Ownership
 - Entrepreneurship
 - Lifelong



Examples of innovation from Future Classroom Lab

- <http://fcl.eun.org/web/guest/news/details?articleId=435972>

