ESD: Learning to Transform

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Re-orienting Teachers’ Educators to infuse ESD through ICT”
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1. Delors 4 Pillars of Learning and ESD
2. ESD: learning to transform
3. What does learning to transform mean .. entail?
4. Transformative learning
The Delors Report: The Four Pillars of Learning

To help modern society cope with challenges in the world around it, the Delors Report, Learning: The Treasure Within, recommends 4 GOALS of learning

1. Learning to know
2. Learning to do
3. Learning to be
4. Learning to live together

Learning to transform – 5th Pillar
1 Learning to know: acquiring the instrument of understanding .. learning how to learn

2 Learning to do: applying learned knowledge in daily life, acting creatively & responsibly

3 Learning to be:
   ▪ acquiring universally shared values
   ▪ developing one’s personality, self identity and self knowledge
   ▪ becoming immersed in one’s culture & its wisdom
   ▪ being empowered to learn about oneself & becoming more fully human
4 Learning to live together: how?

- reformulate policies towards edu for social inclusion, conflict resolution/transformation & mutual undstdg
- emph changes in knowledge, skills, attitudes and behaviours in edu content, approaches – in & out of school
- re-organ curricular contents with a central emph on moral, ethical & cultural edu
- teach such content thro indiv subjects as well as integrate it in core curriculum, classroom/daily practice
- re-orientate, train & mobilise teachers & school administrators towards more democratic, participatory interactions & as role models of learning to live tog using ESD prins
- re-new partnerships for mobilisation of all actors/stakeholders in & for edu - & among all concerned with values edu
- link what is taught at homes, communities, in organs, the media workplace and other informal learning contexts
ESD and the 4 pillars are concerned with development of knowledge, skills, values, attitudes and behaviours.

To attain ESD, also need to learn to transform unsustainability to sustainability .. research in, for and as transformation process .. education /learning in, for and as transformation process.
What is transformation?

Change – what kind of change? incremental change.
When is change transformative?

- when a person undergoes a fundamental shift in how they are in the world, how they engage with the world and how they see the world (change in 1 dimension leads to encompass the whole person - holistic) — perspectives and practice (behaviour, values & atts)

- change in one aspect (of society)/level leading to change in other aspects – dynamic interdep .. structural change

- fr 1 state or set of circumstances to another – unsustainable to sustainable – inequity to equity: other new things emerge in the process – create

- difft levels - personal/subjective and structural, global-regional-national-community-family
Learning to transform

What needs to be transformed to attain sustainability or sustainable development?
Learning to transform
changing & acting towards ESD

- Vision
- Knowledge
- Skills
- Attitudes and values
  - commitment to well being of hum beings & other species
  - commitment to hum rights, soc justice, critical & participatory demo
  - commitment to tolerance/acceptance, rationality & open mindedness
  - commitment to work with others to bring abt more sustainability
Transformation: action-reflection spiral

REFLECTING ..
taking account of REFLEXIVITY

Knowing WHAT
Acting STRATEGIES
Understanding WHY
Valuing VISIONING
LEARNING TO TRANSFORM

is based on

• uses various types and styles of learning and methods of learning

• nurture diverse capabilities, multiple intelligences

• teaching & learning prins in ESD (HEAD, HEART, HANDS) - participative, experiential, reflective, holistic, addresses attitudes & values, development of critical enquiry, thinking, analytical skills

• personal and structural - in here before out there
Vision of ESD

A world
where everyone has
the opportunity to benefit from
education and learn
the values, behaviors, skills and
lifestyles/practices
required for a sustainable now and future and
for
positive personal and societal transformation
Skills for Learning to Transform
Skills for Sustainability

– Envisioning .. Imagining a better future
– Participation in decision-making
– Partnerships
– Participatory, participative capacities
– Systemic thinking
– Critical analysis
– Critical thinking .. Reflection .. Reflexivity
Transformative Learning - Personal Transformation

• involves the transformation of frames of reference (points of view, habits of mind, worldviews) and critical reflection on how we come to know

• occurs when people change their frames of reference by critically reflecting on their assumptions and beliefs and consciously make and implement plans to bring about new ways of defining and acting/relating to their worlds

Freire .. Mezirow .. Boyd
Perspective Transformation

Process whereby beliefs, assumptions and values are critically examined in light of acquiring new knowledge and process of personal change for social transformation

- Recognize limitations of current knowledge and perspectives
- Engaged in new ways of seeing, relating, thinking, learning, doing/working, being
- Able to see their interconnected with others - the relationships between their lives, the environment, social systems and institutions
- Critical agency – active participation and ethical decision making with ownership & responsibility
Learning to Transform

requires
TRANSFORMING OURSELVES
to
TRANSFORM THE WORLD
as we
engage with the world

service learning in context of formal education