Policy on integrating the ESD concept into Mongolian general education system

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PRESENTATION OUTLINE

- Trend of education development
- Curriculum development and education standard
  - Education standard (ESD)
  - Curriculum
  - Approaches in teaching and learning

Training programme/planning (ESD)
Change of general trends education development and achievement and approaches in sustainable development (SD)

- System of Open Curriculum
- Education standard based on competence
- Reform of education based on standard
- Quality education
- Education for sustainable development (ESD)
- Sustainable development (SD)
THE INTERRELATIONSHIP BETWEEN EDUCATION STANDARD AND CURRICULUM

STANDARD
NORMATIVE DOCUMENT

CURRICULUM
GUIDING DOCUMENT

BASED ON COMPETENCE

OPEN CURRICULUM BASED ON IMPLEMENTING METHOD AND METHODOLOGY OF SUSTAINABLE DEVELOPMENT

Demand (Output)

Supply (Input)
EDUCATION STANDARD BASED ON COMPETENCE
New paradigms in education

- Teacher-centered
- Learner-centered
- Categorized learning
- Integrated learning
- Scientific facts-based curriculum
- Competence based curriculum
- Curriculum as documents
- Curriculum as process
STRUCTURE OF OPEN CURRICULUM SYSTEM BASED ON CONTENT, METHODOLOGY AND VIEWPOINT OF ESD

- Evaluation of assimilate
- To make up situation
- Solution of methodology
- Choice of content
- Diagnose
- FORMULATION OF GOAL, PURPOSE

ESD
Component of curriculum

Elements of curriculum

Educational level
- Pre-school
- Primary
- Secondary
- Upper secondary

Demand
Goal
Content
Methodology
Situation
Evaluation

Subject
- Mathematics
- Physics
- Music
- Art design
- Language

Five domain of contents of the education
<table>
<thead>
<tr>
<th>MAIN SUBJECT</th>
<th>INTEGRATED SUBJECT -I</th>
<th>INTEGRATED SUBJECT -II</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRADITIONAL SCRIPT</td>
<td>Mongolian language</td>
<td>Information and communication technology</td>
</tr>
<tr>
<td>Algebra, Geometry</td>
<td>Mathematics</td>
<td>Social science</td>
</tr>
<tr>
<td>Foreign language</td>
<td>human-environment</td>
<td>Natural science</td>
</tr>
<tr>
<td>Music</td>
<td>Lawyer/humanitarian</td>
<td>Civic education</td>
</tr>
<tr>
<td>Art design</td>
<td>Social study</td>
<td>Working group/paper of project/ creativity</td>
</tr>
<tr>
<td>Physics</td>
<td>Health education</td>
<td></td>
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<tr>
<td>Chemistry</td>
<td>Natural study</td>
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<tr>
<td>Biology</td>
<td>Ecology</td>
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</tr>
<tr>
<td>Informatics</td>
<td>Art and technology</td>
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</tr>
</tbody>
</table>

*Education for sustainable development*
Change of Paradigm

Change and innovation technology
effect of senergetics
Implementation of UN Decade for ESD is integrated to education system and its reform in Mongolia.

Mongolia’s general education shifting to 12 year schooling.

In connection with this, the standards and curricula's for all subjects are being updated
Policy for ESD

- 13 teams updating the national curricula
- One of them is ESD team, the first ever in Mongolia
- ESD team in charge of integrating ESD concept in national curricula
• ESD is not a separate subject
• It will be integrated into other subjects.
ESD team role

- Development of umbrella strategic concept of ESD for integration;
- Providing information and organizing training for other 12 national curriculum development teams
- Development of teacher training curriculum and handouts on how ESD is to be integrated in school classes;
- Improve human resource potentials in ESD
ESD team initiatives

- Training workshops for the decision makers at the level of education policy and national curriculum development team leaders have been organized several times.
- Training for the curriculum development team members
- Manual for the 1\textsuperscript{st} and 2\textsuperscript{nd} grade school teachers “ESD integration for the first compulsory school year”
- Integration of ESD in nationwide teacher trainings organized by MECS
Donor support

- The Coping with Desertification Project, Swiss Agency for Development and Cooperation
  - ESD team
  - Eco-school network

- GTZ
  Teacher training

ADB (supporting curricula teams) JICA(...............)

National level

Regional level

School level

Lesson level
Future trends

- Monitoring on the ESD integration
- Updating of the education standard in view of the transition to 12-year schooling
- Development of ESD umbrella strategic concept
- Improve experience sharing with countries advancing in ESD
Thank you for your attention