Students achievements: in search of factors for success and failure

Dr. Rita Dukynaitė
15-02-2017

Conference “PISA and its Meaning for Policy and Practice around the Baltic Sea”
14/15 02 2017, Tallinn
Achievements = values-based individual progress (efforts, change) + proficiency level visible by means of measurable results

- **attainment** that is visible, the result that is most often measurable and meetings standards, definite aims, criteria or attributes;
- visible academic, cognitive, social, cultural, emotional, character change, efforts, individual progress made;
- **proficiency** in fulfilling a task at a certain level. When skills are developed, excellence outcrops, while when no skills are gained, persistence comes out.

**The basis of achievements** lies in **values** being developed, which determine the responsibility level of an individual, who is getting matured and is self-improving.
TIMSS results. 4 and 8 grades
Change between 2006 and 2015 in science, reading and math performance

SC

R

M
Proficiency by territory size

Science literacy

Reading literacy

Mathematics literacy
Proficiency by language of instruction

Science literacy

Average of results

Lithuanian l. Polish l. Russian l.

OECD average

LT average

477
419
468

Reading literacy

Average of results

Lithuanian l. Polish l. Russian l.

OECD average

LT average

474
412
469

Mathematics literacy

Average of results

Lithuanian l. Polish l. Russian l.

OECD average

LT average

479
441
485
Achievements of students
(8th grade by IEA TIMSS)

(15 years old by OECD PISA)
Students require 16 skills for the 21st century.
National Education Strategy 2013–2022 of Lithuania (main goals)

- Teachers’ personality
- Schools’ quality culture
- Co-operation of subsystems for inclusion
- LLL and empowering for labour, civic, cultural life
Main initiatives

ACTIVATION OF THE COMMUNITY
1. Public consultations (open governance, new forms)
2. “Time for leaders” (the leadership project)
3. Financing for quality (from competition to “quality basket”)
4. Contracts for quality (at least for winners of competition)
5. Concept of an independent school (still just a visionary idea)

ACCOUNTABILITY
6. Progress reports (half of schools, municipalities also starting)
7. Awards (supported by minister, Concept of Good School)

OTHER FORMS OF MONITORING AND EVALUATION
8. Assessment of candidates for school heads (regular activity)
9. Maturity projects (next spring)
10. Concept of cumulative assessment (modelling)
11. Standardised tests (over 90% of schools, lacking financing)
12. IQES on-line (self-evaluation – widely used)
13. EMIS improvements (upgrading)
# Student basket (1059 Eur)
(in 2016 was 1014 Eur)

<table>
<thead>
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<th>Expenditure</th>
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<tbody>
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<td>ICT</td>
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<td>In-service training and consultancy</td>
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**New initiative:** Competitions of schools and schools groups to get financing for school improvement projects
### Time for Leaders (3rd stage)

<table>
<thead>
<tr>
<th>Decisional capital</th>
<th>1. Education progress projects in municipalities</th>
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<tbody>
<tr>
<td>Social capital</td>
<td>2. Network of collaborative school communities</td>
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<tr>
<td>Human capital</td>
<td>3. Master degree education leadership programme</td>
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© Michael Fullan, Andrew Hargreaves. Professional capital, 2012

[www.lyderiulaikas.smm.lt](http://www.lyderiulaikas.smm.lt)
Public consultations with basic schools

Another groups:
3. School life
4. Quality of teaching
5. Learning supply
6. Syllabus
7. Whole-day schools
Awards for good schools

- Alytaus Šaltinių pagrindinė mokykla
- Jonavos rajono Bukonių pagrindinė mokykla
- Kauno Santaros gimnazija
- Kauno Suzukio pradinė mokykla
- Klaipėdos Ažuolyno gimnazija
- Panevėžio Vyturio progimnazija
- Raseinių rajono Viduklės Simono Stanevičiaus gimnazija
- Šilutės Žibų pradinė mokykla
Instrumentai mokyklų vadovams/jsivertinimo grupėms

Vertinimo instrumentai mokykloms (klausimynai) gali būti naudojami tiesioginėms internetinėms apklausoms. Juos galima pritaikyti savo reikmėms.

Instrumentai mokytojams, pagalbos mokiniui specialistams (GR)


Instrumentai mokiniams (GR)

Grižtamojo ryšio ir refleksijos instrumentus mokytojai gali išsaugoti savo kompiuteryje ir išdaliinti mokiniams. Mokiniui su šiais instrumentais gali įsivertinti savo bendrąsias kompetencijas bei reflektuoti savo mokymąsi ar suteikti grižtamajį ryšį savo bendramoksliams.

Mokyklos kultūra
Ugdymas ir mokymasis
Pasiekimai
Pagalba mokiniui
Mokyklos strateginis valdymas

School culture
Learning and teaching
Achievements
Learning support
Strategic management
**GOAL** – to promote the improvement of schools for the better quality of (self-) development and better achievements of students.

**FRAMEWORK OF GENERAL SCHOOL EVALUATION METHODOLOGY (2009)**

- 7 year cycle;
- 5 evaluation levels (from N to 4);
- 3-5 days;
- 75% of time lesson observation;
- All teachers are observed at least twice by different evaluators;
- Feedback for teachers straight after the lesson;
- Report contains all 5 areas and conclusions – strengths and areas for improvement;
- School and its founder become responsible for respective performance improvement.
Modeling levels of school autonomy

- Full autonomy
- Not successful
- Not allowed
- We aren't ready
- We are ready

Self-evaluation vs. External evaluation
The development of harmonized assessment/evaluation system
(including exams, standardized tests, national and international surveys)
Summary of achievements of school X

- Added value
- Learning to learn
- Mathematics
- Reading
- Writing
- History
- Pupils’ attitude to the school
- Bullying
- Happiness

Graph showing performance indicators compared to country average.
# Vision of pupil’s CV

*S – start (primary), B – basics, M – matura*

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*Passed curriculum modules*

*Not passed yet*
### Education

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*Dreams are just in one more step 😊*
“First and foremost, a school should become not an object, which is ruled by somebody from outside, but a subject – player, with its own face, pace, traditions.”

Habil. Dr. Meilė Lukšienė
originator of education reform in Lithuania

Guidelines for education reform in Lithuania, 1993
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