



entuzjaści edukacji

2011 Research Plan





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5 research
areas

**Core curricula and
development of
subject teaching
methodologies**

**Psychological
and pedagogical
foundations of
school achievements**

**Sociological and
legal aspects of
education policy**

**Economics of
education: public and
private spending and
education-related
markets**

**Education and the
labour market**

These divisions are symbolic, as some of the projects planned belong to more than one research area.



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edukacji*

In accordance with the Action Plan, research in this area should aim at diagnosing the quality of teaching of particular school subjects as well as supporting the implementation of the core curriculum and the development of subject teaching methodologies. Studies scheduled for 2011 will deal with basic school subjects: Polish language, mathematics, science, history and foreign languages. The results of these projects may have a very practical application in current education policy and management, and should be used by supervising institutions, the examination system and education quality research centres. In addition, the tested tools can be implemented in current school practice as support for teachers.

The research is carried out by the Subject Teaching Unit

List of research projects:

- ✓ Research on the implementation of the core curriculum and quality of teaching of Polish language, mathematics, history and science.
- ✓ Development of teaching tools for the new core curricula.
- ✓ Comparative analysis of the structure and functioning of core curricula of the native language, mathematics, science and history in selected countries.
- ✓ Research which enables schools to measure reading comprehension and argumentation skills (Polish language) as well as reasoning, argumentation and strategy development skills (mathematics) of their students.
- ✓ Research on the Polish language-specific and mathematics-specific teaching methodologies.
- ✓ Research on the quality of foreign language teaching.
- ✓ Research on science skills of students of lower secondary schools.



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Research in this area aims at providing systematic knowledge of the conditions of school effectiveness. It will enable long-term monitoring of the condition of education in Poland at Stage I and Stage II, which are of key importance for learning performance at subsequent stages.

The research is carried out by the School Effectiveness Research Unit

List of research projects:

- ✓ Longitudinal study which starts in the third grade of primary school.
- ✓ Longitudinal study which starts in the first grade of primary school.
- ✓ Psychological and pedagogical aspects of teaching individualisation.



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entuzjaści edukacji

The main purpose of studies conducted in this area is to provide evidence which is useful in improving the quality of the widely understood institutional background (including legal and organisational solutions as well as the functioning of organisations supporting school activities) and to analyse the effectiveness of the institutional changes being introduced. A significant portion of research in this area is research on teachers.

The research is carried out by:

- ✓ the Teacher Research Unit, and
- ✓ the Institutional Research Unit

List of research projects:

- ✓ Professional status of teachers.
- ✓ Teacher working time and conditions. [in progress]
- ✓ Teacher education.
- ✓ Problems of novice teachers.
- ✓ OECD TALIS.
- ✓ Labour market for teachers.
- ✓ Teacher micro-research lab.
- ✓ School leadership.
- ✓ Assessment and evaluation in Poland. [in progress]
- ✓ Evaluation of a system project on the individualisation of teaching and education of primary school pupils in grades I to III.
- ✓ Study on the introduction of reform on equal educational opportunities.
- ✓ New technologies and IT solutions in education.
- ✓ Civic and community activities of pupils and project method in working with children and young people.



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Research in this area aims at providing evidence on economic factors in education, including expenditure understood in a wide sense (financial spending, contributions in kind, time expenditure) in comparison with learning performance.

The research is carried out by the Education Economics Unit

List of research projects:

- ✓ Education spending: analyses of the existing data.
- ✓ Research on economic factors in education (local aspects).



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entuzjaści edukacji

Research in this area aims at deepening knowledge of the transition from education to the labour market, as well as developing systematic assessment of the supply of competences compared with the demand for competences among employers, and of the supply and demand balance.

The research is carried out by the Education and Labour Market Unit and the IT and Analysis Unit

List of research projects:

- ✓ Monitoring the fortunes of lower-secondary school graduates. [\[in progress\]](#)
- ✓ Monitoring the fortunes of higher education graduates using the administrative data of the Social Insurance Institution. [\[in progress\]](#)
- ✓ Programme for the International Assessment of Adult Competencies (PIAAC). [\[in progress\]](#)
- ✓ Factors affecting education decisions – household panel study.
- ✓ Structural simulation-forecast model for the Polish economy and education system.
- ✓ Research on the demand for qualifications.



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“Teaching quality and school effectiveness – building tools for research”

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