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Temat: Invitation: OECD PISA Maths 2021

Część(i): [Pobierz wszystkie załączniki \(w pliku .zip\)](#) 

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Dear Zbigniew,

I am writing to invite you to join an international expert group to shape the PISA assessment of mathematics in 2021.

As you know, the OECD's Programme for International Students Assessment assesses the extent to which 15 year olds have acquired key knowledge and skills that are essential for full participation in modern societies. The assessment is conducted every three years, leading to the publication of country rankings and to policy advice to governments. It measures system performance in three core domains: mathematics, science and reading. In preparation for each cycle, one of the three domains is fundamentally rethought, to ensure the assessment stays in step with a changing world. As we plan for the 2021 assessment, we are rethinking mathematics.

We are constituting an expert group to help establish the conceptual foundations on which the assessment framework will subsequently be built. Over the course of the next few months, we will ask the group to reconsider the nature and role of mathematics expertise so that students see why it is relevant to their lives and are therefore motivated to develop it. We plan to place three related issues at the centre of the group's discussions:

1. How is maths being used to solve problems in existing and emerging industries?
2. What does this suggest for the redefinition of mathematical literacy? In 2021, what will it mean to 'think like a mathematician'?
3. What should be the design principles for assessing mathematical literacy, taking advantage of new approaches to summative assessment and new technologies?

The chair of the group will be William Schmidt, University Distinguished Professor, Founder and Director of the Centre for the Study of Curriculum, and Director of the Education Policy Centre at Michigan State University in the United States. Invitations are being extended to a small number of distinguished mathematicians, covering a range of sub disciplines and representing a number of countries, including countries which were top performers in the PISA 2015 assessment (results published in December 2016).

The group will meet monthly, between March and July. Meetings will be virtual. The OECD is able to offer members a small honorarium of 1000 euros, which we hope will go a little way to recognizing the value of your time and expertise.

We very much hope this opportunity to shape mathematics education will be attractive to you. We would be delighted if you would agree to join us – in which case we will be in touch with further details, including a proposed schedule of meetings.

I look forward to hearing from you.

With best wishes

Michael Stevenson

Michael Stevenson

Senior Adviser, PISA

Early Childhood and Schools

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