Research Update

October 2013

Research in the IB

Website:
http://ibo.org/research/

Email: research@ibo.org

Assessment research (Assessment Division)

The research team within the assessment directorate is responsible for **ensuring that IB assessment and its examinations processing are appropriately informed by current research**. As such, the department:

- Provides and analyses a rich source of meaningful data to effectively **support assessment practices and the curriculum review process**
- Ensures that assessment is **well-grounded** in current understanding of best practice
- Und**erpins potential changes in assessment** and marking practice in the light of advances in technology with appropriate research to ensure that the IB does not risk the integrity of its results
- Ensures that the grades awarded to candidates are valid, reliable and fair and that standards remain consistent over time.

Programme Development

- **Areas of study**
  - Fostering curriculum development/implementation Supporting the continuum of the IB's programmes; Responding proactively to potentials of and challenges for students in the 21st century; Building research capacity for curriculum development
- **Recently completed**
  - Literature reviews exploring international mindedness, the written and taught curriculum in primary education,
  - Projects investigating how schools evaluate success in the PYP; and additional language teaching and learning in the PYP,
  - Development of an online learning portal on research methodologies to support research
- **Planned and in-progress**
  - Projects on: evaluating success in the PYP; international-mindedness; additional language teaching and learning in the PYP, Language Proficiency
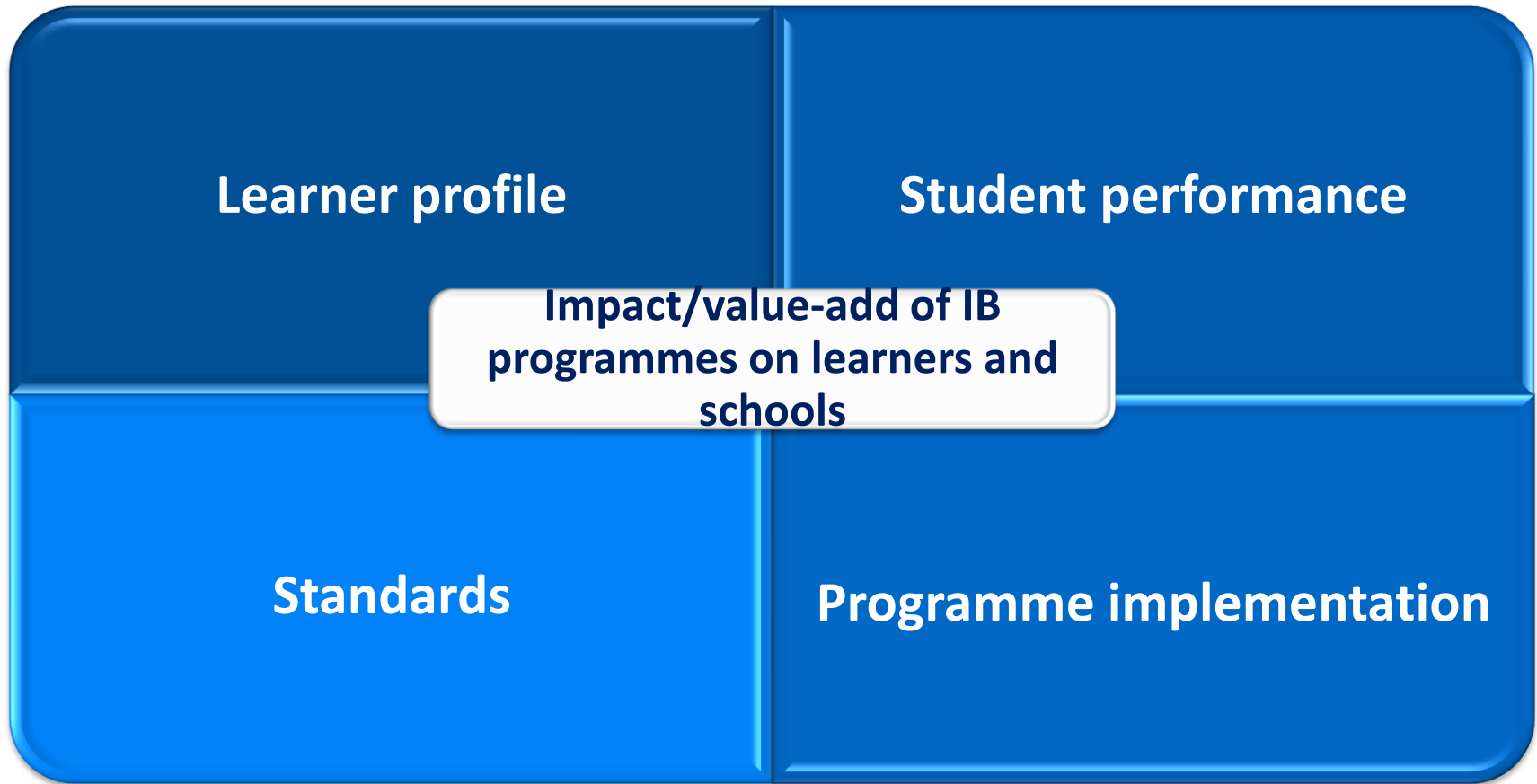
Programme Development

Areas of study: **Fostering curriculum development/implementation; Supporting the continuum of the IB's programmes; Responding to potentials of and challenges for students in the 21st century;**

Which areas/topics would be of most interest to you at this time?

To remain a thought leader in international education moving forward, where must we look?

Programme Impact

Programme impact research agenda and priorities

Learner profile

Student performance

Impact/value-add of IB programmes on learners and schools

Standards

Programme implementation

International Baccalaureate
Baccalauréat International
Bachillerato Internacional

innovate
educate
create

Recently completed studies

Project Title	Programme	Date
Implementation of the PYP in India	**PYP**	**March 2013**
The IB teacher study: defining and measuring the essential attributes, knowledge, practices.	**Continuum**	**March 2013**
Implementation of the DP in Ecuador.	**IBA**	**July 2013**
MYP in U.K.	**MYP**	**February 2013**
IB Students' High School and Postsecondary Experiences in Chicago Public Schools	**DP**	**March 2012**

Recently completed studies

Project Title	Programme	Date
MYP student performance and engagement Phase II	**MYP**	**July 2013**
Mexico DP Case study	**DP**	**June 2013**
PYP and MYP Student Performance on the International Schools' Assessment (ISA), Phase 2	**PYP/MYP**	**March 2012**
Extended Essay: University of Virginia/University of Warwick	**DP**	**Feb/June 2013**

In-progress and up-coming

PYP	Region
Science Literacy in the PYP: NAP-SL Outcomes	IBAP
Self-Efficacy in the PYP	All
Early Years Education in the PYP: Implementation Strategies and Programme Outcomes	IBAP
The IB PYP in Australia	IBAP
Views on the Nature of Science in the PYP	All
PYP Student Performance in State Schools	IBA

In-progress and up-coming

MYP	Region
MYP: Implementation Practices and Student Outcomes Associated with the Learner Profile Attribute 'Open-Minded'	**IBAEM**
MYP: Student Social-Emotional Wellbeing and School Success Practices	**IBAP**
Case study on MYP implementation in UK.	**IBAEM**
Analysis of MYP students' performance in the DP	**All**

In-progress and up-coming

Diploma	Region
The IB Learner Profile: A Comparative Study of Implementation, Adaptation and Outcomes in Three Countries	**All**
IB DP: Examining College Readiness in the US	**IBA**
The Bilingual Diploma and Academic and Non-Academic Outcomes.	**All**
TOK: Exploring learning outcomes, benefits and perceptions.	**IBAP**

In-progress and up-coming

Diploma	Region
Curriculum Alignment between the IB DP and National Systems: Germany and Switzerland	**IBAEM**
DP in China: Student preparation for university study abroad.	**IBAP**
Civic-mindedness in the DP	**IBA**
Gender and STEM in the DP	**All**
The IB Diploma Programme and the Turkish national system: Curriculum alignment and student performance	**IBAEM**

Programme Impact

Areas of study: Student performance; Programme implementation; Learner Profile (and related constructs); and Standards alignment

what are the benefits of programme impact research results? How do you use (or would like to use) such results?

What topics should we address next/are of the most interest to you?

Quality Assurance

- **Professional Development (PD)**
  - Implemented QAF since 2010
  - Multiple data sources (WLS, FR, Observer, Participants)
  - Reporting on the past 3 years of data collection, showing high levels of participant satisfaction (i.e. 91% rating as good, very good or excellent) in IB workshops

- **School Services**
  - School Authorization process (SA)
  - 14 questionnaires developed, started to collect data from schools in early July 2013.

Quality Assurance, Continued

- **IB Surveys**
  - All surveys from IB staff or departments that go to external stakeholders
  - Implemented in July, 2012

- **School Satisfaction Survey (SSS)**
  - Looks at services and supports, image and communication, curriculum and assessment, among other dimensions
  - The 6th year in administering SSS allowing for longitudinal analysis

Support and Services

- **Increased production of informational material**
  - Quick info sheets
  - Literature reviews on IB programmes
  - Regular updates on all current research in the field
- **Redeveloped IERD to provide greater functionality and usability to researchers and IB staff**
- **Presence at leading international research conferences**
  - American Educational Research Association (AERA) 2014 annual conference
  - Australian Association for Research in Education (AARE) 2013 annual conference
- **Funding awarded to 14 IB teachers in 9 countries for independent research projects**
- **Ongoing redesign of the Programme Development research web pages**

Research Support and Services

How can we improve current services?

What new services would be of most use to IB schools?

Where to find research

http://www.ibo.org/research/

https://ibdocs.ibo.org/research/

research@ibo.org