Research on the International Baccalaureate

2010

The following list attempts to chronicle the research published on the International Baccalaureate (IB) in 2010. It is the first attempt of what we hope will become a regular update of the research available in the field. This document should serve IB employees, heads of schools, coordinators, teachers and others in the IB community, as well as researchers in the field.

Descriptions of the individual pieces of research are meant to provide a brief overview of the content of publications, and in no way represent the whole of the important background, methodological considerations or findings found therein. As we tried to be as inclusive as possible when compiling these references, no value judgments were made on the validity of the findings or rigour of the studies included here.

In 2010 we found 41 pieces of research published on the IB in total. Of these, 22 references were on the Diploma Programme (DP), 12 on the Middle Years Programme (MYP), 6 on the Primary Years Programme (PYP) and 5 on the IB as an organization or applying to all of or no particular programmes. There were 18 journal articles, 13 masters or doctoral theses/dissertations, 5 research reports, 3 IB position papers and 2 conference presentations. Of these studies, 19 took place in the IB Americas (IBA) region, 5 in the IB Africa, Europe, Middle East (IBAEM) region, 4 in the IB Asia-Pacific region(IBAP) and 12 were global in scope. The most common topic was implementation of the programmes, but curriculum, teaching, students and academic achievement were also popular topics of research.

While concerted efforts were made to include every available piece of research relating to the IB published in 2010, there are undoubtedly some writings that we have missed. Thus, we very much consider this to be an ongoing project, and encourage you to bring any research not included here to our attention at research@ibo.org.

IB Research Department

All Programmes

Curriculum; Identity

IBAP

East is east and west is west

Walker, George

This paper analyses the IB learner profile and asks how appropriate it is for the cultures of East Asia. The paper concludes that the learner profile does indeed reflect the strong Western humanist foundations of the IB, but accepts that the organization's successful growth makes sudden change unlikely and undesirable. Instead, it recommends that the learner profile be reviewed regularly and used as a focus for internal debate on this issue.

Position Paper

IBO

Keywords Learner Profile; Asia; western values; humanist

Link http://blogs.ibo.org/positionpapers/2010/09/23/george_walker/
This paper is part of a series of papers commissioned by the IB and written by IB practitioners.

Curriculum; Students

Global

Holistic education: An interpretation for teachers in the IB programmes

Hare, John

The purpose of this paper is to bring some clarity to what is meant by holistic education and to outline the characteristics and outcomes associated with it. This lack of clarity is an obstacle for teachers, parents and students alike, and such clarity would facilitate a comparison with other educational initiatives and allow curriculum designers to determine whether they are delivering a programme of holistic education.

Position Paper

IBO

Keywords holistic education; student profile; student development

Link http://blogs.ibo.org/positionpapers/2010/09/23/john_hare/
This paper is part of a series of papers commissioned by the IB and written by IB practitioners.

Identity

Global

The International Baccalaureate and a framework for class consciousness: The potential outcomes of a 'class-for-itself'

Bunnell, Tristan

Since 1999, the IB has created a platform for image consolidation, product standardization, and technological linkage. Out of this has emerged a globally branded "IB World". This creates a potential framework for class consciousness. This paper explores possible outcomes, within the context of the "agenda for global peace" and the "agenda for global business". Alternatively, a "third way" could appear; a class who is business-oriented but socially-responsible.

Journal Article   Discourse: Studies in the Cultural Politics of Education

Routledge

Keywords class consciousness; social grouping

Link http://www.informaworld.com/10.1080/01596301003786969

All Programmes

Identity

Global

The International Baccalaureate in the United States: From relative inactivity to imbalance

Bunnell,Tristan

The IB has grown exponentially in the US from 268 schools in 1999 to 1,090 schools in 2009. The fact that 49,100 students of a total of 87,800 in 122 countries were from U.S. schools in 2009 has posed problems in strategic planning, assessment and training, the ability of the program to remain politically neutral and international.

Journal Article   Educational Forum

Routledge

Keywords   students; schools; United States; comparative education; curriculum and instruction;

Link   http://www.tandfonline.com/doi/abs/10.1080/00131725.2010.528717

Implementation; Continuum

IBAP

A study of successful practices in the IB program continuum

Hallinger, Philip; Walker, Allan; Lee, Moosung

This study analysed data from a global survey of 235 IB coordinators and case studies of 5 Asia-Pacific region schools to illuminates strategies and practices for successful programme implementation and transition in continuum schools. Leadership practices and management strategies to address issues and challenges included strategies for articulation, cross-programme interaction and staffing. Articulation, consitency, coherence and student support were associated with better transitions.

Report

Asia Pacific Center for Leadership and Change, The Hong Kong Institute of Education

Keywords   continuum; implementation; programme transition

Link   http://www.ied.edu.hk/apclc/research_2.html

Commissioned by the IB

Diploma

Access

IBA

Creating support structures and services for Title I high schools implementing the IB Programme

Siskin, Leslie; Weinstein, Meryle; Sperling, Robyn

Examines the experience of four Title I eligible high schools that implemented MYP to DP pathways . Challenges included building pathways across different schools, meshing the MYP and DP philosophies and pedagogies, preconceived notions of IB as selective, funding, pressure to focus on state exams, developing student supports, and staff turnover. The most successful support was professional development. A fully constructed pipline takes 6 years, but showed a strong pattern of increase in diplomas awarded.

Report

Institute for Education and Social Policy

Keywords Title I; high schools; pipeline; support structures

Link http://www.ibo.org/research/policy/programmevalidation/diploma/
Commissioned by the IB

IBAEM

Equality or equity, player or guardian? The Dutch government and its role in providing access opportunities for government sponsored international secondary education, 1979-2009

Prickarts, Boris

This article focuses on the Dutch government's IB DP Pilot, and advances the position that it is creating more equitable access opportunities for middle-class children. It can be expected, though, that less advantaged groups will increasingly be able to benefit from the opportunities that come with access to government-sponsored international education.

Journal Article   Journal of Research in International Education

Sage

Keywords access; opportunity; globalization; national government; the Netherlands

Link http://jri.sagepub.com/content/9/3/227.abstract

Assessment; Curriculum

IBA

Reading comprehension strategies in van Dijk And Kintsch's 1983 cognitive model present in IB English B exam paper I

Monopoli, Myrium

This research aims determe to what extent the reading comprehension strategies in Teun van Dijk and Walter Kintsch's 1983 cognitive model are present in the IB English B exam paper 1. Content analysis, triangulated with data from students and teachers, suggest the presence of local propositional strategies, semantic macrostrategies and style and rhetorical strategies, though not on schematic strategies, which could be an area for improvement on the exam.

Dissertation/Thesis

Universidad Tecnologica Nacional

Keywords reading comprehension; cognitive process; strategies; discourse; text; context; propositions; coherence; macrostrategies; superstructure

Link http://sites.google.com/site/myriamgmonopoli/

Diploma

Assessment; Subject Specific

Global

Does the introduction of the graphics calculator into system-wide examinations lead to change in the types of mathematical skills tested?

Brown, Roger

Reports on the introduction of the graphics calculator into centralized examination systems in Denmark, Australia and the IB. The introduction of the calculator required exam writers to consider how to assess mathematical skills within this new environment. Analysis indicated that only two out of the six examinations demonstrated any significant change. The results suggest that it is possible to reduce the use of questions assessing routine procedures with a calculator, but there have not been major changes in how exam questions are written.

Journal Article	Educational Studies in Mathematics
	Springer Science & Business Media B.V

Keywords calculators; mathematics; study and teaching; examinations; universities and colleges; entrance requirements; Denmark; Australia; question writers

Link http://www.springerlink.com/content/j763471138k22921/

Curriculim; Theory of Knowledge

Global

Politics and pedagogy: Discursive constructions in the IB Theory of Knowledge - Guide

Smith, Nigel V.; Morgan, Mandy

The Theory of knowledge (TOK) course is cast as the prime example of the international globalized values of the IB. This article argues that such positioning is contested within the TOK curriculum document, leading to confusion and tension among teachers, students and learning. Two constructions of TOK are identified: primarily political goals and pedagogical purposes, and both purposes may be achieved if the personal pedagogical ideology of the teacher coincides with the political positioning of TOK.

Journal Article	Curriculum Journal

Keywords educational politics; Theory of Knowledge; discourse analysis; pedagogical content knowledge; globalisation; pedagogy

Link http://www.tandfonline.com/doi/abs/10.1080/09585176.2010.504576 - preview

Curriculum; Extended Essay; Libraries

IBAP

The Information Search Process (the ISP) and the research essay: How one school library supports student learning by using the ISP as the framework for the Extended Essay

Reynolds, Helen

This session examines the Extended Essay process at Queensland Academy for Health Sciences (QAHS). For most students, this will be their first experience of such a challenging undertaking. Problematic are the varying levels of student information literacy. The challenge is to provide students with the tools to enable them to complete the essay within the IB guidelines.

Conference Proceedings	International Association of School Librarianship

Keywords Information science; Information literacy; secondary schools; students

Link http://proquest.umi.com/pqdweb?did=2225525901&Fmt=2&clientId=67501&RQT=309&VName=PQD

Diploma

Curriculum; Students

The International Baccalaureate dance programme: Learning skills for life in the 21st century

Minton, Sandra Cerny; Hofmeister, Judi

This study explores how a group of IB Dance students constructed meaning from their experiences. A qualitative methodology was used to interpret the data set consisting of observations during class and at a dance concert, and student responses to a questionnaire and interviews. Four themes emerged: self, interpersonal, discipline specific, and interdisciplinary releated growth and understanding. Similarities and connections were found between the themes and the 21st-century skills of being accountable, flexible, socially responsible, communicative, creative, collaborative, self-directed and a critical thinker.

Journal Article	Journal of Dance Education
	Routledge

Keywords   dance; meaning; skills

Link   http://www.informaworld.com/10.1080/15290824.2010.508695

Identity

Global

The International Baccalaureate Diploma Programme and the construction of pedagogic identity: A preliminary study

Cambridge, James

At different times and geographical locations the DP has been projected onto a variety of pedagogic identities. There has been vacillation between a weak form of retrospective identity and an educational discourse projecting selected elements of the past into the future. A "progressive" decentred therapeutic identity is the version the IB currently appears to project. However, this article proposes that the IB is assailed by market forces and the DP is being driven towards a decentred (market) identity.

Journal Article	Journal of Research in International Education

Keywords   curricula; international relations; students; social roles; pedagogic identity

Link   http://jri.sagepub.com/content/9/3/199.abstract

Implementation

IBA

Choices of students, parents, and teachers and their effects on schools and communities: A case study of a new enriched high school program

DiGriorgio, Carla

This study is an ethnographic case study of two schools as they implemented an enrichment program. Data were drawn from interviews and observations, curriculum analysis and communications. The study found: (a) motivation to enter the program came largely from parents, (b) educators perceived changes to their stature in the school and a lack of creativity in course planning and execution and (c) international and local students had differing academic and social experiences.

Journal Article	Journal of School Choice

Keywords   educational change; high schools; examinations; curricula; parents; students

Link   http://www.tandfonline.com/doi/abs/10.1080/15582159.2010.504107

Diploma

Implementation

IBA

Expanding our horizons: An exploration of the implementation of the International Baccalaureate Programme in Prince Edward Island

Connell, Jennifer

This ethnographic case study explores the history and critical incidents leading to the initial implementation of the DP in Prince Edward Island, Canada, in 2008-2009. From the perspective of a new IB Coordinator, this study traces the challenges of implementing the DP in a typical high school. This study relies on historical investigation, document analysis and interviews to detail the evolution of the IB from vision to reality.

Dissertation/Thesis	
M.Ed.	University of Prince Edward Island

Keywords implementation; high school

Link http://gradworks.umi.com/MR/64/MR64467.html

IBA

Factors influencing the implementation of an International Baccalaureate Diploma Program in a diverse urban high school

Mayer, Anysia P.

This study investigates seven implementation mechanisms that research suggests encourage local-level stakeholders to adopt practices supported by the model. Findings suggest the DP can be successfully implemented in challenging contexts because the programme model includes six of the seven mechanisms that facilitate implementation.

Journal Article	Journal of Advanced Academics
	Prufrock Press

Keywords urban high schools; bachelor of arts degree; public schools;

Link http://journals.prufrock.com/IJP/c.abs/journal-of-advanced-academics/volume22/issue1/article1103

IBA

Global education in Massachusetts: A case study of two high schools

Kilpatrick, JoAnn

This study aimed to investigate the process of implementing global education at two high schools. At a suburban school the process focused on a self-selecting, student-centered Global Competence Program. In the urban high school, the process consisted of networks of teachers innovating curricula, a Chinese language program and the introduction of the IB. Findings indicate that the support of school leaders facilitated implementation, but prioritization of competing initiatives, lack of professional development and time to collaborate were challenges.

Dissertation/Thesis	
Ed.D.	Boston University

Keywords educational leadership; multicultural education; education policy

Link http://gradworks.umi.com/34/11/3411749.html

Diploma

Implementation

IBAEM

The International Baccalaureate Diploma Programme in post-colonial Mauritius: Reaffirming local identities and knowledges

Poonoosamy, Mico

The paper presents a review of the existing research on the IB and its impact on local students' identities and knowledge in former colonized states in Africa. While also arguing that the IB functions in the matrix of the Westernized knowledge industry, privileged knowledge and identities in the DP are discussed.

Journal Article   Asia Pacific Journal of Education

Keywords   postcolonialism; globalization; Africa; identity; knowledge

Link   http://www.tandfonline.com/doi/abs/10.1080/02188790903503569 - preview

Implementation; Libraries

IBAEM

Developing independent learners: The Box Hill School experience

Pavey, Sarah

Box Hill School, an independent school in England, abandoned the English curriculum in favour of the DP in 2008. The school created a library to develop independent learning throughout the school. This paper considers the rationale behind the physical design. It outlines the implementation of independent learning in an international school community where no infrastructure to promote this style of teaching and learning previously existed.

Conference Proceedings   International Association of School Librarianship

Keywords   boarding schools; instructional design; teaching methods; school libraries

Link   http://proquest.umi.com/pqdweb?did=2225525881&Fmt=2&clientId=67501&RQT=309&VName=PQD

International-mindedness

IBA

Fulfilling its mission? The promotion of international mindedness in IB DP Programmes

Gigliotti-Labay, Jennifer

This research seeks to determine if teachers in IB DP are integrating global themes and international mindedness (IM) in their classrooms, and the degree to which it has been institutionalized. The qualitative study consisted of a survey, interviews, group discussions and document analysis. Results indicated that teachers and administrators had an understanding of IM, but implemented it in a superficial way. Data suggest that teachers and administrators are not entirely clear as to how to infuse international themes; the IB's conceptualization of IM is not thoroughly defined; and there exists little institutional accountability for implementation.

Dissertation/Thesis
Ed.D.   University of Houston

Keywords   multicultural education; secondary education; social studies education

Link   http://gradworks.umi.com/34/38/3438266.html

Diploma

International-mindedness

IBA

Global mindedness and internationalism: The effect of the International Baccalaureate Program on school wide attitudes of students

Keller, Melinda

This dissertation examined the relationship between students' global mindedness and the IB. Reviewing relevant literature, this study examined characteristics of global mindedness, and compared the effect of the IB on students against a group of non-IB students. Findings demonstrated no statistically significant difference in the global mindedness of students.

Dissertation/Thesis

Ed.D. Union University

Keywords educational leadership; student attitudes; global mindedness

Link http://proquest.umi.com/pqdweb?did=2278519081&sid=1&Fmt=2&clientId=67501&RQT=309&VName=PQD

Postsecondary

IBA

Academic performance of IB students entering the University of California System from 2000-2002

Shah, Seema; Dean, Mike; Chen, Yi-Chun

This report documents the college performance of 1,547 US high school students who participated in the DP and subsequently enrolled in the University of California (UC) system. Performance of IB students is compared to the UC population at large, and a matched comparison group. Analyses indicate that IB students earned higher GPAs and graduated at higher rates. This trend was observed across all income groups. Controls for socio-economic status, high school GPA and SAT/ACT scores, demonstrated that performance in the DP was the best predictor of college performance.

Report

International Baccalaureate

Keywords university admission; postsecondary performance; California; academic achievement

Link http://www.ibo.org/research/programmevalidation/documents/CADataReportReportSummary_tempweb.pdf
Based on data provided by the University of California President's Office

IBA

University admissions officers' perceptions of student performance within the International Baccalaureate Diploma Programme

Tarver, Emily T.

This qualitative study examines the perceptions of postsecondary admissions offices of the DP through a grounded theory approach. The study investigates the nature of credit awards for students' high school academic performance. It sought to illustrate the development and/or changes in the perceptions and actions of admissions offices in relation to the DP. Twenty institutions were randomly selected from US News & World Report's Top 50 American Colleges. Institutions completed a survey and interview. Data were triangulated with information from the institutions' websites, catalogues and other publications.

Dissertation/Thesis

Ph.D. Louisiana State University

Keywords university admission; perceptions; United States; credit awards

Link

Diploma

Students

Global

The International Baccalaureate Diploma and student attitudes: An exploratory study

Wilkinson, Veronica; Hayden, Mary

This article presents a summary of the findings of a recent study that points to the importance of informal out of classroom interactions in effecting change in student attitudes as they pass through the DP. Possible reasons for the changes in attitudes that were found, and the major factors that students claimed were responsible, are discussed.

Journal Article	Journal of Research in International Education
	Sage

Keywords student attitudes; advanced placement programs

Link http://jri.sagepub.com/content/9/1/85.abstract

IBA

Strategies used by intellectually gifted students to cope with stress during their participation in a high school International Baccalaureate Program

Shaunessy, Elizabeth; Suldo, Shannon M.

This study considers responses to surveys of stress and coping as well as focus group interviews of gifted and high-achieving students enrolled in the DP. Findings indicate gifted students experience levels of stress similar to classmates not identified as gifted. Gifted students were similar to IB peers with respect to how they cope with school. However, gifted students differed with respect to anger coping, humour and problem-solving approaches.

Journal Article	Gifted Child Quarterly
	Sage

Keywords talented students; stress management; psychology; emotional development; high school; qualitative methodologies; social development; stress; students

Link http://gcq.sagepub.com/content/54/2/127

Teaching; ICT

IBAP

Student perceptions of the impact of online discussion forum participation on learning outcomes

Jahnke, Jennie

Choosing the "right" type of technology to facilitate learning is a new challenge as emerging technologies increase and diversify. Teachers are encouraged to require collaboration in online learning communities. It is therefore important to gather evidence of the opportunities afforded students, and whether they endorse collaborative online tools as assisting in learning. This paper outlines the way in which one secondary school used an online discussion forum to support students in the DP to enhance research and lifelong learning skills.

Journal Article	Journal of Learning Design

Keywords web-based instruction; electronic discussion groups; educational technology; curriculum; learning; collaborative online tools; Extended Essay; learning communities

Link http://www.citeulike.org/user/jrhode/article/9409538

Curriculum

Global

Concurrency of learning in the IB Diploma Programme and Middle Years Programme

Marshman, Roger

This paper presents a brief overview of the histories of the IB's programmes, and discusses the role of interdisciplinary learning in each, with a special emphasis on the DP's Theory of Knowledge course. Some comparisons are made with other educational programs (i.e. AP, IGCSE, etc.).

Position Paper

IBO

Keywords interdisciplinary learning; Theory of Knowledge; curriculum; teaching

Link http://blogs.ibo.org/positionpapers/2010/09/23/roger_marshman/

This paper is part of a series of papers commissioned by the IB and written by IB practitioners. Each paper addresses a topic or issue

International-mindedness

Global

International education: The International Baccalaureate, Montessori and global citizenship

Brunold-Conesa, Cynthia

This article compares and contrasts IB and Montessori secondary programs with respect to the promotion of global citizenship, and explores the scarcity of secondary Montessori programs in general and in the international schools community in particular.

Journal Article   Journal of Research in International Education

Keywords international schools; citizenship; Montessori method; values; educational philosophy; secondary schools; curriculum; educational principles; peace

Link http://jri.sagepub.com/content/9/3/259.short?rss=1&ssource=mfr

MYP

Curriculum

Global

Middle school music curricula and the fostering of intercultural awareness

Field, Janet

This article focuses on music curriculum in the context of international education in the MYP, and how it fosters intercultural awareness. It is argued that, in addition to disciplinary understanding, an international curriculum should aim for intercultural and international understanding.

Journal Article	Journal of Research in International Education
	Sage

Keywords music; Instruction and study; curricula; middle schools; intercultural awareness

Link http://jri.sagepub.com/content/9/1/5.abstract

Implementation

Global

Discourses of IB MYP Benefits: Promotion and Implementation in Schools

Underwood, Gwyn

This largely qualitative research investigates discourses surrounding the benefits, promotion and implementation of the MYP. Literature on 'effective schools' and 'best practices' is used to provide a basic framework, enabling the MYP's effectiveness to be determined through the perceptions of practitioners. Data were collected from MYP practitioners around the world and analysed using critical discourse analysis. Findings indicate the MYP is generally considered an effective programme. Analysis highlighted benefits to student learning such as study skills, critical thinking skills and relating learning to life experiences. Drawbacks were also identified, such as time, costs, and complexity of the programme; and suggestions for improvement to further the goals of the programme are made.

Dissertation/Thesis	
Ed.D.	University of New England

Keywords implementation; holistic learning; middle schools

Link http://mypdiscourses.gwynunderwood.com/myp-discourses-research/

IBAEM

International education in a national context: Introducing the International Baccalaureate Middle Years Programme in Dutch public schools

Visser, Alderik

Some bilingual secondary schools in the Netherlands have introduced or are introducing the IB MYP. Based on a series of questionnaires to school managers and MYP coordinators at other national schools offering the IB, the author has tried to gain insight into the conditions under which international education could become a success in (Dutch) national schools.

Journal Article	Journal of Research in International Education
	Sage

Keywords international schools; Advanced Placement; higher education; bilingual education; questionnaires; program implementation; administrator attitudes; The Netherlands

Link http://jri.sagepub.com/content/9/2/141.abstract

MYP

Implementation; School Choice

Global

School program selection: Why schools worldwide choose the International Baccalaureate Middle Years Program

Sperandio, Jill

This article examines the factors that influence program selection when schools have freedom to choose. Survey and document analysis are used to examine the self-reported reasons for program selection for schools worldwide who adopted the MYP. Analysis suggests that while implementation, marketing, branding, quality control and professional development influence selection, the most important determinant was a perceived match between existing school philosophy and program elements.

Journal Article   Journal of School Choice

Keywords educational change; educational improvement; performance factors; international schools; evaluation criteria; educational philosophy

Link http://www.tandfonline.com/doi/abs/10.1080/15582159.2010.483916 - preview

School Choice

IBA

Curricular choices for elite bilingual schools on Colombia's caribbean coast: American accreditation or the International Baccalaureate

Nalley, Joel

Discusses the movement towards international recognition among "elite" bilingual schools on Colombia's Caribbean coast, with a special focus on US accrediting agencies and the International Baccalaureate.

Dissertation/Thesis

M.A.   University of Kansas

Keywords bilingual education; school administration; Colombia

Link http://kuscholarworks.ku.edu/dspace/handle/1808/6996

Student Achievement

IBA

Examining extant data on the efficacy of a system of ninth-grade academic interventions to increase students' academic engagement and performance and progress towards high school graduation

Presidio, Sloan

This study examined the effect of interventions designed to improve ninth-grade students' academic success and progress towards graduation. The intervention included: (a) provision of the MYP; (b) support from an interdisciplinary team of teachers; (c) establishment of clear norms and expectations around attendance, behavior, and academic effort; (d) development of study and social skills; and (e) ongoing data monitoring. Results revealed the intervention group experienced statistically significant lower rates of absences, disciplinary referrals, and language arts course failures. No statistically significant differences were found for assessment results,GPAs, and credit accumulation.

Dissertation/Thesis

Ed.D.   University of Oregon

Keywords educational leadership; school counseling; secondary education

Link http://proquest.umi.com/pqdweb?did=2126292491&Fmt=7&clientId=67501&RQT=309&VName=PQD

MYP

Student Achievement

IBA

The effects of the International Baccalaureate Middle Years Program on student achievement

Batson, Beth

This study explored the effects of the MYP on student achievement. Implementation of the program was described and data from before, during and after implementation were used to determine growth patterns in each subject. Students made statistically significant gains after the first year in all subjects except social studies, but made gains after the second year. The special education subgroup realized statistically significant growth after the first year in math, and in reading after the second year. No statistically significant difference was found in community service involvement.

Dissertation/Thesis

Ed.D.   Trevecca Nazarene College

Keywords middle School education; curriculum development

Link http://gradworks.umi.com/34/13/3413020.html

Teaching

IBA

Effective teaching practices and teacher efficacy beliefs of International Baccalaureate Middle Years Programme teachers

Hutchings, Gregory, Jr.

This study compared the teaching practices and efficacy beliefs of traditional middle school teachers and MYP teachers. A stratified random sample of teachers was selected from four middle schools in a large urban district. There was a significant difference ($p<.05$) in instructional differentiation, assessment for understanding, classroom management and encouragement of responsibility. However, there was not a significant difference ($p<.05$) in efficacy for student engagement, instructional practices, classroom management, instructional focus on learning, clarity, complexity, expectations for student learning, use of technology, quality of verbal feedback, classroom organization, caring, fairness and respect and enthusiasm.

Dissertation/Thesis

Ed.D.   The College of William and Mary

Keywords education policy; curriculum development; middle schools

Link http://gradworks.umi.com/34/11/3411543.html

Implementation; Continuum

IBA

From PYP to MYP: Articulating IB programs within the context of the transition from elementary to middle school

Cowie de Arroyo, Christianne

This study reviews the existing literature on the PYP to MYP transition and aims to determine, through action-research, the effectiveness of a site-specific innovation. A mixed method approach was used. It was observed how a carefully planned induction program and middle school structure could be successful in supporting this process and help students achieve better academic results, experience less social difficulties and learn how to deal with procedures more effectively.

Dissertation/Thesis

M.Ed.   Universidad de los Andes

Keywords   primary school; middle school; adolescents; transition

Link

Student Achievement

Global

IB PYP and MYP student performance on the International Schools' Assessment

Tan, Ling; Bibby, Yan

This study investigated how PYP and MYP students performed on the International Schools' Assessment (ISA), relative to non-IB students in Math, Reading and Writing. Despite some regional differences, results indicate that IB students outperformed their peers on all domains in a majority of grade levels. IB students also compared favourably to PISA benchmarks in Math and Reading. There was insufficient evidence to suggest that length of authorization or having the continuum affected outcomes.

Report

Australian Council for Educational Research

Keywords   International Schools Assessment; PISA; student performance

Link   http://www.ibo.org/research/programmevalidation/documents/2010ISASummaryReportFinalwebsiteversion.pdf
Commissioned by the IB

IBA

Evaluation of International Baccalaureate Programmes in Texas schools

Stillisano, Jacqueline R.; Waxman, Hersh; Lee, Yuan-Hsuan; Hostrup, Judy; Alford, Beverly; Braziel Rollins, Kayla; Goolsby, Rhonda

This study examines the impact of the PYP and MYP in Texas classrooms. No significant differences were found in math and reading scores, but favourable instructional practices and student behaviors were observed in IB schools. While this suggests better overall instruction at IB schools, implementation varied between schools. Positive outcomes included teacher collaboration, authentic assessment, increased student motivation, development of critical thinking skills and increased global and cultural awareness. Challenges included staff recruitment and retention, balancing IB with state and district requirements, extra time for collaboration, difficulty and workload for students, student mobility, and lack of support from districts, parents or teachers.

Report

State of Texas Education Research Center, University of Texas

Keywords   Texas; math and reading achievement; quality of instruction; elementary schools

Link   http://www.ibo.org/research/programmevalidation/documents/TXSum.pdf
Commissioned by the IB

Implementation; Teaching

IBA

Effects of International Baccalaureate Primary Years Programme on teacher philosophy, perceptions of efficacy, and outlook on education

Getchell, Leroy Alfred

This study examines how implementation PYP changes teachers' perceptions. It reviews relevant literature and uses an online survey. Findings include: teachers reported implementation of the PYP positively impacted their philosophy, influenced their view for international education, what a student's education will look like in future years, and impacted teacher efficacy. The survey found positive mean, median and mode scores for the PYP's impact on teachers' philosophy of education.

Dissertation/Thesis

Ph.D.   University of Denver

Keywords educational change; teacher effectiveness; teacher attitudes; implementation; elementary school; curriculum

Link http://0-www.eric.ed.gov.novacat.nova.edu/ERICWebPortal/search/recordDetails.jsp?ERICExtSearch_Descriptor=%22E

IBA

Internationalizing education: A study of the impact of implementing an international program on an urban elementary school

Lopez, Sonja

This study examined how public school administration and teachers implemented the PYP and pinpointed the major impact of the authorization process. The methodology included document analysis, interviews and school-wide observations. The findings identify how the authorization process led to the restructuring of the school's approach to leadership and strategic planning, a shared vision and a shift toward collaborative planning, teaching and learning.

Dissertation/Thesis

Ed.D.   University of Southern California

Keywords multicultural education; elementary education; teacher education; curriculum development

Link http://gradworks.umi.com/34/34/3434461.html

Teaching

IBAEM

Teachers' practices, values and beliefs for successful inquiry-based teaching in the International Baccalaureate Primary Years Programme

Twigg, Vani Veikoso

Through narrative inquiry, this study investigated the role of personal and professional aspects of teaching and learning in relation to the dispositions, values, beliefs and knowledge that affect the transition to inquiry-based teaching in the PYP. Analysis revealed high personal expectations plays an important role in transforming teacher practice from traditional didactic methodologies to inquiry-based teaching and learning pedagogues.

Journal Article   Journal of Research in International Education

Keywords inquiry; teachers; learning; grounded theory; personal characteristics; professional characteristics; transformative

Link http://jri.sagepub.com/content/9/1/40.abstract

Teaching; Curriculum

IBAP

The Primary Years Programme and 'First Steps' (2nd edition) literacy resources: A common approach to language learning

Card, Heather

This article explores the role of language in learning and teaching by comparing the PYP language scope and sequence and First Steps' literacy resources. Key features of underpinnings, purpose and design are discussed.

Journal Article	International Schools Journal
	John Catt Educational Ltd for ECIS and CIS

Keywords literacy; language; learning; development maps

Link http://www.ecis.org/page.cfm?p=335