Research related to the International Baccalaureate
An annotated bibliography of 2014 studies

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The following list attempts to chronicle the research published on the International Baccalaureate (IB) in 2014. This document is meant to serve IB heads of schools, coordinators, teachers, employees 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 background, methodological considerations or findings found therein. The list is intended to be as inclusive as possible, and no value judgments were made on the validity of the findings or rigour of the studies included here.

The annotated bibliography is broken down into sections by programme. Certain resources fall under more than one programme and are demarcated as such. The document begins with studies related to the Continuum of programmes, followed by studies on the IB Career-related Programme (IBCP); Diploma Programme (DP), Diploma Programme & Middle Years Programme (MYP), Middle Years Programme, and Primary Years Programme (PYP). Under the programmatic headings, there are additional headings by region and topic to assist the reader in locating the most pertinent or useful resources.

In 2014 we identified 114 pieces of research related to the IB.

• Of these, 28 references relate to the full continuum of programmes or the IB as an organization. One reference relates to the IBCP, 57 to the DP, 3 to the DP & MYP, 13 to the MYP, and 12 to the PYP.

• There are 42 journal articles, 14 presentations at non-IB related conferences, 18 Master’s or doctoral theses/dissertations, 3 magazine articles, 27 reports, 7 book chapters, and 3 books.

• 20 references are related specifically to the IB Africa, Europe, Middle East (IBAEM) region, 40 to the IB Americas (IBA) region, 25 to the IB Asia-Pacific region (IBAP), and 29 are global in scope.

The most common topic among the references was Language. Curriculum, International education, Performance, Programme impact, Access, Inquiry, and Pedagogy were also popular topics.

While concerted efforts were made to include every available piece of research relating to the IB published in 2014, there are undoubtedly some references that have been missed.
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Continuum

AEM Professional development

Journal Article


Foreign language; International Baccalaureate; Pre-service teachers

This journal article examines the “professional foreign language communicative competency” in the training of pre-service IB teachers. Additional competencies discussed include educational technologies, classroom pedagogies and teachers’ professional research activities.


AEM Student experience

Book Chapter


Slovenian elementary school; International elementary school; Quality of education; Satisfaction with teaching; Knowledge

This conference paper compares the performance of an international and Slovenian elementary school. The authors examine the international school, which has the Primary Years Programme and Middle Years Programme. Findings show differences between pupils on quality of lessons, relations between pupils and staff, and knowledge levels.


AMERICAS Access

Conference Proceedings


Achievement Gap; Colleges; Equity; Quantitative methodology

This study examines the trends of students in Texas who have participated in advanced courses, including international baccalaureate courses, over the past 11 years. The data show that while the percentage of students from all ethnic groups taking advanced coursework has increased, achievement gaps among ethnic groups are still present.

This paper describes the history of the school opened and sustained by Charlie Walker. Established primarily for African American students, the school has grown and evolved over time and is now an International Baccalaureate school. The paper describes how the school incorporates its rich history into the curriculum.


This article describes the growth of the middle class in the South and the increase of International Baccalaureate programs in the area. The article examines the IB curriculum in this context and the role global citizenship education plays in the curriculum.


This case study examines how immigrant and refugee children in an IB school develop and exhibit citizenship in the context of international education. The article concludes that the school and classroom climate and students' identities and cultures were affected by their global or local backgrounds, which in turn impacted students' comprehension of citizenship. However, teachers were able to engage students and their differing views to create civic school and classroom communities.
International mindedness

Dissertation/Thesis


International mindedness; Music education; International education

This doctoral thesis is a qualitative research study, which investigates how music teachers develop internationally-minded teaching practices. The context of the study is an international school offering the continuum of IB programmes.

http://hdl.handle.net/1974/8617

Learner profile

Conference Proceedings


Instructional Practices; Mixed Methods; Professional Development

Using Q methodology, this study examined how teachers related characteristics of the International Baccalaureate learner profile to their teaching methods. Three factors in particular - acknowledging the social and emotional aspect of teaching, integrated teaching, and collaborative teaching - were shown to be perceived as successful teaching practices that support the IB learner profile.

http://www.aera.net/Publications/OnlinePaperRepository

Learner profile

Dissertation/Thesis


Education; Learner profile; Learner profile implementation; Implementation; Professional development; Professional learning; Educational evaluation; Curriculum

This study examines how teachers address characteristics of the International Baccalaureate learner profile through their teaching practices. Results showed varying levels of implementation of IB learner profile attributes in classroom teaching, assessment, and reporting. It concludes that professional development was needed to address IB learner profile implementation. Given these findings, a collaborative learning workshop about the implementation of the IB learner profile was established.
AMERICAS Pedagogy

Report


Thinking skills; Pedagogical practice

This two-part report, commissioned by the IBO, examines the development and assessment of thinking skills. In part one, the authors explore the research literature and identify pedagogies and approaches that have been successful in examining students’ thinking and learning. In part two, the authors hold these research approaches up against the three IB programmes (PYP, MYP and DP) to see how the principles and programmes align.

http://ibo.org/contentassets/629da4c8d872407198aa56ce2f8b5ab2/finalreportpart1.pdf
http://ibo.org/contentassets/629da4c8d872407198aa56ce2f8b5ab2/finalreportpart2.pdf

AMERICAS Performance

Conference Proceedings


Measurement; Psychometrics; Quantitative methodology

This study analyzed how the BASC-2 Behavioral and Emotional Screening System (BESS) Student Form psychometrically measured high-performing high school students in International Baccalaureate programs. Using confirmatory factor analysis and measure invariance tests, the study concluded that the four-factor structure of the BESS Student Form sufficiently fit all high school students, both boys and girls, in IB programmes.

http://www.aera.net/Publications/OnlinePaperRepository

AMERICAS Programme impact

Conference Proceedings


Curriculum design and evaluation; International education/studies; Service learning

This study examines civic-mindedness and civic engagement activities implemented in International Baccalaureate Programmes in the United States, Canada, and several nations in South America. The
study measured the impact of activity participation and highlights variables that most highly impact positive civic development.

http://www.aera.net/Publications/OnlinePaperRepository

**AMERICAS Performance**

Conference Proceedings


Program Evaluation; Research Methodology; Statistics

This study analyzes 15 years of data to compare International Baccalaureate students to non-IB students in the state of Florida. The study found that comparing IB and non-IB students in this context was not beneficial due to selection bias related to IB participation.

http://www.aera.net/Publications/OnlinePaperRepository

**AP Programme impact**

Report


Continuum; Outcomes; Students

Using data from surveys, interviews, document analysis, and student examination results, this study investigates the impact of the International Baccalaureate continuum on students, teachers and schools in Cambodia, Indonesia, Singapore, Thailand and Vietnam. Although no significant differences in examination results were found between students in the continuum and the Diploma Programme, several qualitative differences were found in how students rated their personal attributes. Findings also showed specific skills from the Primary Years Programme and Middle Years Programme that prepared students for the Diploma Programme.


**GLOBAL Access**

Journal Article


Elite schools; Globalization; Social class; Educational practices; Global elites

This article explores the relationship between globalization and elite international schools, focusing on the elite schools’ adoption of particular globalizing practices. Drawing from a multi-sited global
ethnography of elite schools, the study investigates how schools benefit from selecting and serving certain social groups extending beyond national borders.

http://www.tandfonline.com/doi/abs/10.1080/14767724.2014.890885

GLOBAL Curriculum Book

Curriculum theory; Curriculum model

This book presents different curriculum theories, including progressivism and essentialism, curriculum models, such as learner-centered and society-centered, and exemplars of both, such as Reggio Emilia, Core Knowledge and the International Baccalaureate. The book also examines how these theories and models are implemented in the classroom.


GLOBAL Inquiry Book Chapter

Inquiry-based learning; Pedagogy; International Baccalaureate; Primary Years; Middle Years; Diploma Programme

This book chapter provides a synopsis of research done on the topic of inquiry-based instruction at IB Primary Years Programmes, Middle Years Programmes, and Diploma Programmes worldwide. It also provides a review of research focused on inquiry-based learning as a pedagogical approach. Findings suggest more attention is given to planning inquiry-based learning than to reflection and implementation.


GLOBAL Inquiry Magazine Article

Education; International education programs; Education; Teaching; Students; Core curriculum; Schools; Learning; Pedagogy; Pragmatism
This article focuses on IB programmes’ inquiry-based education and the challenges of maintaining the focus on inquiry in the context of the Diploma Programme’s final high-stakes assessment.

http://www.johncatt.com/downloads/is17_1/offline/download.pdf

**GLOBAL International education**

Journal Article


Global studies; Research; Curriculum planning; International Baccalaureate; Cognitive development; Prejudices; Prevention; Cultural competence; UNESCO

This article outlines definitions, theories, methods and common school practices of prejudice. The main focus is on how international schools (K-12) are able to reduce prejudice.


**GLOBAL International education**

Book Chapter


Globalisation; Intercultural Understanding; Identity

This chapter, published in a book written in French, addresses the International Baccalaureate as it relates to key themes of promoting intercultural learning and identity development in the global era.


**GLOBAL Language**

Report


Language policy; International Baccalaureate

This report explored eight International Baccalaureate World Schools to examine the role of best practices, common struggles, and contextual factors in language policy development and implementation. Using document analysis, observations, and interview data, the study's findings illustrate the key role of teachers and staff in effective language policy. Additional findings included the importance of professional development of teachers and staff and the importance of national and regional linguistic context in school-level language policies.
GLOBAL Language

Journal Article


Academic language; Culture; English as a Second Language; Language acquisition; Understandings of teaching and learning

This journal article focuses on an ethnographic study in an IB school exploring the role of Japanese students’ culture in the rate of acquisition of academic English. The examined IB school follows the Primary Years Program, Middle Years Program, and Diploma Program. The study draws on data from observations, questionnaires, interviews, and case studies over six years.

http://jri.sagepub.com/content/13/3/190

GLOBAL Leadership

Journal Article


Educational administration; Intercultural understanding; Internationally minded schools; School Administration; School leadership

This article explores school leadership as it relates to managing interpersonal relationships and individual interpretation of reality. It focuses on successful leadership of internationally minded schools and the ways in which leadership develop cohesive visions and commitments as central to the school’s organizational culture.

http://jri.sagepub.com/content/13/3/175

GLOBAL Learner profile

Journal Article


Learning; International Baccalaureate; Secular education; Religious education; Transformative learning; Educational technology; History

This article considers 21st century learning in the context of the International Baccalaureate learner profile. The author discusses similarities between secular and religious education, the work of David Purpel on “goodness” and transformative values, and the influence of technology in education.
GLOBAL International education

Dissertation/Thesis


Cosmopolitanism; Neoliberalism

This Master’s thesis reviews IB documents, publications, and relevant literature to explore the challenges facing IB programmes. The thesis highlights specific challenges, such as the contexts surrounding IB programmes, the emphasis on Western ideals, and teaching goals. The thesis concludes with specific recommendations for IB policy and future research.

GLOBAL Programme implementation

Book


Program implementation; Classroom

Drawing on action research and textual analysis, this book explores the International Baccalaureate’s implementation in the US and UK. The book offers classroom perspectives on how the IB is implemented, with examples from Michigan IB schools in the US and London IB schools in the UK.

GLOBAL Standards alignment

Dissertation/Thesis


Education; Collaboration; Common core state standards; Community of learners; Distributive leadership; International Baccalaureate; Professional learning communities; Educational leadership; School administration; Curriculum development; Educational leadership; School administration

This dissertation explores the relationship between curriculum and standards, examining how to bring together the International Baccalaureate with the US Common Core State Standards. Issues examined include the formation of a professional learning community, school culture, and how standards and curriculum can be brought together to improve student achievement.
GLOBAL Well-being

Conference Proceedings


Curriculum innovation; Caring; Teachers

This conference paper focuses on a comparative study of the concept of "caring" in schools and classrooms in eight international schools in Spain, Austria, Singapore, Thailand, Indonesia, and the UAE. The paper draws on both qualitative and quantitative data to investigate how students and teachers understand "caring" across the IB Primary Years Programme, Middle Years Programme and the Diploma Programme and between different cultural settings.

http://www.eera-ecec.de/ecer-programmes/conference/19/contribution/32984/

IB Career-related Programme (CP)

AMERICAS Access

Journal Article


Educational mobility; Compensatory education; Security; Curriculum; Educational change

This article, written by a school principal for a professional audience, examines the opportunity gaps in high-poverty schools and discusses methods to address this issue. The International Baccalaureate Career-related Programme is highlighted as a means to provide a rigorous curriculum for all students.

http://connection.ebscohost.com/c/articles/99398685/closing-opportunity-gaps

Diploma Programme (DP)

AEM Curriculum

Dissertation/Thesis


English language curriculum; High school; Advanced placement

This master's thesis compares five national and international high school English language curricula in Turkey. Using content analysis, the study explores how the Turkish Ministry English language
curriculum compares with the English language curriculum in the International Baccalaureate Diploma Programme and Advanced Placement.


**AEM Curriculum**

Journal Article


International schools; Science education; Biology education

The study explores preparation of students for the International Baccalaureate Diploma Programme (DP), exploring predictors of student performance in biology. Data were drawn from high school students in an international school in Turkey. Findings indicated a strong relationship between DP biology scores and the International General Certificate of Secondary Education science exam scores.


**AEM International mindedness**

Dissertation/Thesis


Geography education; World mindedness; Netherlands

This thesis explores the concept of world mindedness in the International Baccalaureate Diploma Programme (DP) in the Netherlands and how the DP curriculum affects students’ geography education.

http://dspace.library.uu.nl/handle/1874/292167

**AEM International Mindedness**

Dissertation/Thesis


Bilingual education; IB Bilingual Diploma; Peace education; Norway

This doctoral dissertation project investigated a specific, diverse student population (representing ninety countries worldwide) at an IB high school in Norway. The focus of this longitudinal study was on the effectiveness of intergroup relations within the context of a school that has peace education as its mission.
AEM Performance

Report


Educational attainment predictors; Higher education; United Kingdom; IB Diploma Programme

This external research report conducted in England studied secondary school students enrolled in three different programmes—Cambridge Pre-U, International Baccalaureate and BTEC. It investigated the correlation of the academic qualifications of students in each programme as predictors of meeting the qualifications of higher education attainment.


AEM Student experience

Dissertation/Thesis


Education; Case study; Creativity; Action; Service; Extracurricular activities; International Baccalaureate Diploma Program; Sports programs; Multicultural education; Physical education; Multicultural education

This dissertation explores how extracurricular and sports programs linked with the International Baccalaureate Diploma Programme (DP) help shape students’ personal development, well-being, academic success, and future aspirations. The focus is on an international American school in Eastern Europe. Data are gathered from interviews and questionnaires with students.

http://gradworks.umi.com/36/32/3632403.html

AEM Student experience

Dissertation/Thesis


Career choice; Content; Language integrated learning (CLIL); Globalization
This master's thesis examines four central areas: 1) students' overall perceptions of the Diploma Programme's structure, 2) how students view themselves as learners, 3) student experiences of the programme, and 4) students' career goals and level of "international-mindedness."

https://jyx.jyu.fi/dspace/handle/123456789/43977

AEM Technology

Conference Proceedings


Science curriculum; Mathematics curriculum; ICT; Technology

This conference paper presents a study of the integration of technology in the science and mathematics curricula within International Baccalaureate Diploma Programme schools in the United Kingdom. Using a case study method, the paper explores select teaching and learning activities and different classroom uses of technology.

http://www.eera-eer.de/ecer-programmes/conference/19/contribution/32985/

AEM Technology

Report


Online learning; Digital technology; Higher education preparation

This report describes research commissioned by Pamoja Education. The research focused on student and staff experiences in International Baccalaureate Diploma Programme (DP) courses. The focus of the research explores how online learning experiences help prepare students for tertiary education. Data were drawn from a survey of DP students, interviews with alumni, and teacher reflections.

http://research.ioe.ac.uk/portal/en/publications/pretertiary-engagement-with-online-learning(d3b0a0e0-fa28-491b-b295-1a5f7b592803).html

AEM Theory of Knowledge

Journal Article


Assessment; Critical thinking; Theory of Knowledge; Validity; Quality assurance
This article focuses on the International Baccalaureate Diploma Programme’s theory of knowledge course and whether it encourages critical thinking. The article suggests some ways to improve the Theory of Knowledge guidelines to further develop critical thinking.

http://jri.sagepub.com/content/13/1/30

**AEM Programme implementation**

Dissertation/Thesis


Education; School administration; Leadership; Collaborative planning; Learner profile; Professional learning communities; Theory of knowledge; Educational leadership

This dissertation focuses on International Baccalaureate Diploma Programme schools in Amman. Specifically, the study investigates collaborative planning and reflection requirements. Data were drawn from observations, focus groups and interviews with teachers and administrators. Findings show successful collaborative planning and reflection were dependent on select factors.

http://gradworks.umi.com/36/13/3613466.html

**AMERICAS Access**

Journal Article


Education; Colleges & universities; Students; Learning; Cultural differences

This article examines equity and diversity in education. The author calls for more equal access to Advanced Placement classes and International Baccalaureate programmes for underserved students from diverse ethnic, racial, and socioeconomic groups.


**AMERICAS Access**

Dissertation/Thesis


International Baccalaureate; International education; Globalization; Neo-liberalism; Critical policy studies; School choice; Curricular choice

This study examines "curricular choice" in the International Baccalaureate Diploma Programme (DP) and how policy affects equal access to the programme in Ontario. The study found the DP serves
mainly middle-class students in the province and that there is little official governance of the programme, which leads to varying interpretations of DP implementation.

http://ir.lib.uwo.ca/etd/1969/

**AMERICAS Access**

Journal Article


Hispanic students; United States; Segregation; Integration; Bilingual education; English learners

This paper discusses the history of the segregation of Latino students and efforts made to desegregate. The authors propose how various programs, including the International Baccalaureate programme, could provide equal learning opportunities for all students.

http://eaq.sagepub.com/content/50/5/735

**AMERICAS Assessment**

Report


Collaborative learning; Reading comprehension; Canada

This study examines how cooperative learning strategies affect reading comprehension exam scores. The study participants consisted of eleventh grade students in an International Baccalaureate programme in Canada.

http://pilotscholars.up.edu/edu_gradpubs/7/

**AMERICAS Assessment**

Report


Academic achievement; Curriculum; Assessment; Advanced Placement

This research report examines six assessments given nationally and internationally to evaluate their cognitive demand on students. The results are interpreted to see what types of deeper learning are being evaluated on assessments developed by the Smarter Balanced Assessment Consortium and the Partnership for Assessment of Readiness for College and Careers. Findings show that International Baccalaureate and Advanced Placement have more cognitively demanding items than other assessments.
**AMERICAS Curriculum**

**Book Chapter**


Gifted education; Advanced Placement

This book chapter highlights the role of Advanced Placement and International Baccalaureate programs as they relate to gifted education.

**AMERICAS Curriculum**

**Journal Article**


Higher education; Colleges & universities; Academic achievement; Curriculum; Participation; United States; Schools; Participation

This study compares three high school acceleration programs: the Advanced Placement program, the International Baccalaureate Diploma Programme, and the Cambridge Advanced International Level examinations. Comparisons are drawn from program structure and the behavior and accomplishments of program graduates at the university level.

**AMERICAS Inquiry**

**Conference Proceedings**


Space design; Inquiry-based learning; Educational ideology

This study aims to investigate the learning environment of International Baccalaureate programmes and how space design and educational ideology, inquiry-based learning and critical thinking in particular, are related. Data is still being collected for this research study.
AMERICAS  Language

Book Chapter


Bilingual education; Language; Heritage language speakers; Immigrant students

The study examines the potential of International Baccalaureate programmes to balance the linguistic skills of immigrant children and heritage speakers in a way that will improve their academic careers. The authors found that the perceived benefit of bilingualism led teachers to see the high potential in students and shaped how they adapted their teaching styles to suit these students. However, the authors also mention that schools could do more to develop students’ proficiency, both in content and language.

http://www.multilingual-matters.com/display.asp?k=9781783092413

AMERICAS  Pedagogy

Dissertation/Thesis


Self-directed learning; Learner control

This study investigates self-directed learning in an International Baccalaureate setting. The author analyzes and discusses degrees of learner control and highlights the influence classroom energy has on the degree of learner control of students.

http://spectrum.library.concordia.ca/978971/

AMERICAS  Performance

Journal Article


International schools; International General Certificate of Secondary Education (IGCSE); Diploma Programme (DP); Mathematics education; Science education; Structural equation modeling

This article focuses on a quantitative study seeking to build causal models to explain student performance in math and science on the Cambridge International General Certificate of Secondary Education (IGCSE) and the International Baccalaureate Diploma Programme (DP). Data were drawn from examination scores from students who enrolled in a private international high school between 2005 and 2012. Findings illustrate that the IGCSE provides foundational preparation for the DP.

http://springer.libdl.ir/article/10.1007/s11159-014-9446-9
AMERICAS Performance

Dissertation/Thesis


Curriculum; Instruction; English language learners; Latinos

This study examines the behavior and accomplishments of previous students enrolled in an International Baccalaureate programme in an urban high school. All students were immigrants and English Language Learners. The study aims to show what factors aided students in their success.

https://etda.libraries.psu.edu/paper/22516

AMERICAS Postsecondary

Journal Article


Education; Teaching methods and curriculum; Secondary school students; Higher education; Colleges & universities; Advanced Placement program

This article questions the benefit of providing college credit for dual-enrollment classes and passing Advanced Placement and International Baccalaureate exams. The author examines advantages and disadvantages of these systems.


AMERICAS Professional development

Conference Proceedings


International education/studies; Multicultural education; Teacher education

This study examines how student teachers are educated in an International Baccalaureate certified teacher education program. The authors hypothesize that student teachers know about challenges they may encounter as they prepare to teach in IB schools.

http://www.aera.net/Publications/OnlinePaperRepository

AMERICAS Programme impact

Report

Billig, S., Fredericks, L., Swackhamer, L., & Espel, E. (2014). *Case studies of learner profile*

Learner profile; High School; Diploma Programme

This research report, prepared for the International Baccalaureate, examines IB Diploma Programme schools in the United States. Case studies were used to examine the ways that the IB "learner profile" was being incorporated across different high schools.


AMERICAS Programme impact

Report


College readiness; Diploma Programme; College readiness; United States

This report, prepared for the International Baccalaureate Organization, examined the level of preparation/readiness for college of DP students in the United States. The study measured students’ level of college readiness in terms of both academic and non-academic preparation.

http://www.ibo.org/contentassets/d74675437b4f4ab38312702599a432f1/ib_diploma_programme_ex amining_college_readiness_2014_0715_000.pdf

AMERICAS Programme impact

Report


Academic civic-mindedness; Model citizenship

This report, prepared for the IB Organization, used a case study methodology to examine the development of "academic civic mindedness" and "model citizenship" in IB Diploma Programme students at four IB schools in the state of California.


AMERICAS Performance

Journal Article


Public schools; Advanced placement; Academic achievement, College entrance examinations; Gender; Enrollment
This study investigates the effect enrollment in the International Baccalaureate Diploma Programme has on student achievement, including academic achievement, examination scores, high school graduation, and college enrollment. The study uses data from 13 Chicago Public Schools from 2002 to 2008.

http://www.tcrecord.org/Content.asp?ContentId=17406

**AMERICAS**  **Student experience**

Journal Article


Advanced Placement; Qualitative systematic review; Student experience; Pathway programs

This review synthesizes existing qualitative research on student experiences as participants in the Advanced Placement program or the International Baccalaureate Diploma Programme. The authors analyze how particular themes impact student participation.

http://joa.sagepub.com/content/25/2/129

**AMERICAS**  **Teachers**

Journal Article


Teaching; Teacher labour; Elite; Regulation; Argentina

This paper (in Spanish) analyzes the assessment system of the International Baccalaureate (IB) programmes. The author characterizes this pedagogical design as one found primarily in elite schools and questions the regulations this system has on teaching. The effects that IB programmes have on teacher labor organizations are also discussed.


**AMERICAS**  **Well-being**

Journal Article


Coping; Accelerated programs; High school

This research examines the Coping with Academic Demands Scale (CADS) and its use for high school students taking advanced coursework. The study uses the CADS to measure the stress levels in high schools students enrolled in International Baccalaureate or Advanced Placement courses.
AMERICAS Well-being

Journal Article


Stress; Accelerated curricula; High school; Student development

This study examines the use of the Student Rating of Environmental Stressors Scale (STRESS) for high students taking advanced coursework. The study investigates the stress factors of high school students taking Advanced Placement or International Baccalaureate courses.

AP International education

Journal Article


Education; Peace; Violence; Non-governmental organizations—NGOs

This article explores different components of peace education in international schools and how to consolidate these in the future.


AP International education

Book Chapter


Internationalism; Internationalization; Australia

This chapter explores the expansion of international schools, including IB schools, and the way that internationalism is represented within select secondary schools in Australia. Specifically, the study examines five specific cases with a focus on a range of commitments to internationalization and how schools extend beyond local and national boundaries. The chapter discusses two select IB schools as a specific category of international schools in Australia.

International mindedness; International education; International Baccalaureate programme; Chinese language teaching; Asia

This study focuses on the implementation of international mindedness in the International Baccalaureate Diploma Programme in Hong Kong, with a specific focus on Chinese language teaching. Data are drawn from interviews with nine Chinese language teachers in six IB schools. Findings suggest both internal and external challenges and indicate the need for a localized approach to pedagogical development.


Elite international schools; Inter-cultural understanding; China

This article focuses on the fast growing market of International Baccalaureate Diploma Programme (DP) schools in China. Despite their often restricted access, this article explores how core components of the DP build intercultural understanding between diverse groups within China. Data are drawn from interviews with teachers, administrators and students in five elite DP schools in Beijing and Shanghai. Findings show how DP students interact with individuals of diverse cultural and socio-economic backgrounds and the different tensions between goals of intercultural understanding and the results-orientation of elite DP schools.


Education; Multi-language environment; Multilingualism; Japan
This article focuses on the development of students in multiple-language environments in Japan. Data are drawn from a survey of 60 Japanese high school students in an International Baccalaureate programme. Findings suggest that students reflected that they were socio-culturally advantaged and secure with a multi-lingual identity.


**AP Pedagogy**

Journal Article


Creativity; Pedagogy; Classroom environment; Teaching

The article discusses creativity and the ways that schools, specifically international schools offering the International Baccalaureate, encourage creativity. Topics discussed include the impact of the surrounding environment on a person's creativity, ways in which teachers can teach creativity, and the TED and TEDx movement, as well as other resources teachers can use to encourage creativity.

http://connection.ebscohost.com/c/articles/97103905/1-1-some-thoughts-creativity

**AP Postsecondary**

Journal Article


International students; Universities; Summer schools; Entrance requirements; Postsecondary education; United States

The article discusses several pathways available to Chinese students seeking to study at universities in the US. The article also describes IB schools and programmes in China.

http://connection.ebscohost.com/c/articles/98812198

**AP Postsecondary**

Journal Article


Accounting; Academic achievement; College admissions; Singapore

This study explores determinants of successful academic performance in an undergraduate accountancy degree programme at a university in Singapore. Data on students’ performance are collected, including a select group of students from an International Baccalaureate programme.

AP Programme impact

Report


Theory of knowledge; Learning outcomes; Learning benefits; Learning perceptions

This research report, prepared for the IBO, focuses on how the Theory of Knowledge course is functioning in Diploma Programme schools in Australia. Four DP schools in Australia were selected as case studies to examine the effectiveness of TOK for encouraging critical thinking.

http://www.ibo.org/contentassets/d74675437b4f4ab38312702599a432f1/tokfinalreport_000.pdf

AP Programme impact

Report


IB Diploma Programme; Australia; Curriculum

This study commissioned by the IB researches curriculum practices at IB Diploma Programme schools in Australia. Researchers used curriculum mapping and qualitative data from IB schools to examine the degree to which curriculum at the secondary school level was in alignment with the standards outlined in the Australian Curriculum and the Australian Qualifications Framework.


AP Programme impact

Report


University preparation; China

This report examined the impact of the International Baccalaureate Diploma Programme on Chinese student readiness for university studies overseas, including university entrance, preparation, and performance. Data were collected through a mixed-method study. Findings suggest graduates of IB World Schools in China often attend top-500 universities worldwide, including many abroad.

http://ibo.org/contentassets/d74675437b4f4ab38312702599a432f1/ibchinafullreportenglish.pdf
AP Programme impact

Report


Learner profile; Cultural influence

This report, commissioned by the IBO, examines one of the distinctive elements of the IB Diploma Programme— the learner profile. Nine IB schools located in three significantly different countries worldwide were selected by researchers, who examined how different cultures and contexts influence the learner profile and its ten attributes.


AP Programme impact


International-mindedness; IB Diploma Programmes; Pedagogy; Australia, China, India

This report discusses findings from a qualitative study, which examined the concept of "international mindedness" in six International Baccalaureate (IB) Diploma Programme schools in three countries— Australia, China and India. Through interviews with parents, teachers and students at each of the six schools, the study offers comparative insights about the concept of international mindedness across cultures.


AP Programme implementation

Journal Article


21st century skills; Creativity; Theory of Knowledge (TOK); Elite schools; China

This article focuses on how International Baccalaureate Diploma Programme (DP) schools in China promote 21st century skills. Drawing from interviews, findings show that participants often link the IB philosophy of education with 21st century skills development. However, some participants expressed concerns about how the IB philosophy is implemented in DP schools in China.

http://link.springer.com/article/10.1007%2Fs11159-014-9404-6
GLOBAL Curriculum

Report


Curriculum development; Reform

This research report examined curriculum development and reform in education systems around the world. Findings show that IBO's structured seven-year process of curriculum review is unusual, particularly compared to systems of curriculum review in case study countries from around the world.

http://www.ibo.org/contentassets/629da4c8d872407198aa56ce2f8b5ab2/curriculumdevelopmentfinalreport.pdf

GLOBAL Extended essay

Journal Article


Education; Globalization; Global studies, Interdisciplinary approaches; Theory of knowledge

In this opinion paper, the author discusses the topic of the World Studies Extended Essay (WSEE) and the ways that it could be used in International Baccalaureate (IB) Diploma Programmes.


GLOBAL International mindedness

Magazine Article


Education; International education programs; Schools; Nationalism; Citizenship; War

This brief article focuses on the exclusion of education for national citizenship in the movement toward international schools and internationalization of schools. The author advocates for the inclusion of national mindedness within frameworks of international mindedness.


GLOBAL Language

Report

Diploma Programme; Academic achievement; Second language learners

This study commissioned by the IB examines the factors that contribute to the academic achievement of second language learner students in Diploma Programmes worldwide. The IB school settings chosen for this study were ones in which the language of instruction/examinations differed from the students’ native language.

http://ibo.org/contentassets/629da4c8d872407198aa56ce2f8b5ab2/language-proficiency-final-report.pdf

**GLOBAL Language**

Conference Proceedings


Bilingual/Bicultural; International Education/Studies

This conference paper examined international patterns of awards of the International Baccalaureate Bilingual Diploma (BD). Using student data from 139 countries, the study explored relationships between student native language and other variables and the award of the BD between 2007 and 2012.

http://www.aera.net/Publications/OnlinePaperRepository

**GLOBAL Pedagogy**

Journal Article


Education; Peace; Learning; Nongovernmental organizations; Teachers; Children; Youth

This article focuses on building peace education that extends beyond the mission statements of international schools. The focus is on what peace education can look like and its pedagogical implications.


**GLOBAL Performance**

Conference Proceedings

Educational indicators; Statistics; Women; STEM

This conference paper uses data from the International Baccalaureate Diploma Programme to analyze male and female enrollment in STEM courses and their performance in higher level courses. Findings show that male students enroll more frequently in STEM subjects.

http://www.aera.net/Publications/OnlinePaperRepository

**GLOBAL**

**Postsecondary**

Journal Article


Higher Education; Students; Teaching; Learning; History education; Leadership; Pedagogy

This paper describes the origins of the International Baccalaureate and the core components of the International Baccalaureate Diploma Programme. The paper connects the DP outcomes with the skills sought by universities and the labor market. Data are drawn from a range of qualitative, longitudinal studies.

http://journals.sfu.ca/liu/index.php/HLRC/article/view/123

**GLOBAL**

**Programme impact**

Report


Bilingual Diploma; Multilingual; Academic performance

The IB commissioned this study to examine the implementation of the Bilingual Diploma (BD) in IB schools located in twelve countries. The Bilingual Diploma includes additional language requirements from the Standard Diploma offered in IB schools, so the importance of this study was to examine BD students’ academic performance and the benefits, challenges and other factors affecting students’ pursuit of a Bilingual Diploma.


**GLOBAL**

**Technology**

Report

**Diploma Programme; Mathematics; Technology**

This research study, commissioned by the IBO, examined the integration of technology into the mathematics curriculum of Diploma Programme schools in six countries-- Australia, England, France, The Netherlands, New Zealand and Singapore. The report provides insights into the use of technology into curriculum, the types of technologies most widely used in classrooms and the impact that it has on learning in secondary mathematics courses.

[http://www.ibo.org/contentassets/629da4c8d872407198aa56ce2f8b5ab2/technologyindpmathematicsfinalreport.pdf](http://www.ibo.org/contentassets/629da4c8d872407198aa56ce2f8b5ab2/technologyindpmathematicsfinalreport.pdf)

**Middle Years Programme (MYP) and Diploma Programme**

**AMERICAS Language**

Conference Proceedings


Achievement Gap, English Learner, Evidence Based Education

This research investigates how and why staff members at schools serving ethnically, racially, and linguistically diverse students decided to implement the International Baccalaureate Diploma Programme and IB Middle Years Programme. The study found that the teachers highly valued the bilingual language skills of their students and that the IB language requirements supported teachers in their development of these skills as they prepared students for college.

[http://www.aera.net/Publications/OnlinePaperRepository](http://www.aera.net/Publications/OnlinePaperRepository)

**AP Pedagogy**

Journal Article


Curriculum; Mathematics; Teaching

This article focuses on a critical discourse analysis of student experiences in a Middle Years Programme and a Diploma Programme in an international school. Findings suggest inconsistencies in classroom discourse patterns between mathematics teachers and how teachers’ individual pedagogical choices are central in determining student experiences.

GLOBAL Performance

Journal Article


Multilevel modeling; Unconditional error covariance; Conditional error covariance; Contextual effects; Reliability coefficients

This study examines multilevel modeling decisions and applications using data provided by the International Baccalaureate (IB). The research investigates the relationship between student performances in the Middle Years Programme and the Diploma Programme.

http://www.sciencedirect.com/science/article/pii/S0049089X14002002

Middle Years Programme (MYP)

AEM Curriculum

Dissertation/Thesis


Interdisciplinary; Multidisciplinary curriculum; Art education; Physical education; Action research

In this Master’s thesis, the author, a teacher in the IB Middle Years’ Programme at the International School of Helsinki, examined the process of how teachers create an interdisciplinary unit. Action research in this study centered on the implementation of an interdisciplinary unit in art education and physical education.


AEM Inquiry

Book Chapter


Assessment; Inquiry; Disciplinary understanding

This article explored student inquiry and meaningful learning. Different characteristics of both are developed with a particular focus on the new pre-publication of the Middle Years Programme (MYP) “From principles to practice.” The article argues that the MYP unit planning process can become limited to a theoretical exercise if inquiry is not understood sufficiently.
AEM Programme impact

Report


Learner profile; Open-mindedness

Using a mixed methods approach, the focus of this research is to explore the open-mindedness of Middle Years Programme students in the UK. Six schools participated (five IB schools and one non-IB school). Data were generated from 672 student questionnaires, observations, and 88 student and staff interviews. Findings show the complexity of the concept of open-mindedness, particularly in how it is enacted.

AEM Programme implementation

Report


CAS; International Baccalaureate Diploma Programme; Reflection; Extra-curricular activities; CAS outcomes; Student views/perceptions; Service Learning

This report examined the perceptions of students and staff of the CAS programme in 10 European schools. These schools were public, private, boarding and day schools. Each offered Diploma Programmes. Data were drawn from questionnaires, interviews, and focus groups. Findings suggested that while pupils enjoyed CAS activities and the outcomes were challenging, there was a lack of reflective learning.

AEM Programme implementation

Report

Gibb, S. (June 2014). *The Coordination of the Middle Years Programme in smaller international schools*. Bethesda, MD, USA: International Baccalaureate Organization.

Program implementation; Small schools

This study focused on coordinator’s strategies for implementing the Middle Years Programme (MYP) in small-size international schools (less than 100 students) in Norway. Data were drawn from four interviews and one case study. Findings suggest that the restricted physical and human resources in smaller schools challenges MYP coordination.
**AMERICAS Curriculum**

Journal Article


English language learners; Middle school; Curricular streams; English language development; Access to core curricula; reclassification

This study examines the implementation of English language development (ELD) programs at four middle schools, including one International Baccalaureate school. The study provides a comparative analysis of many factors, including access to ELD instruction and emphasis on English language proficiency versus core curricular content.

**AMERICAS Leadership**

Dissertation/Thesis


Education, MYP, Innovation, Innovative international education, International education, Educational leadership, Higher education

This case study examines the International Baccalaureate Middle Years Programme (MYP) in a middle school in the state of Georgia. The study investigated how the MYP affected students' academic performance, cognitive development, and global literacy. The influence of leadership in school success was also examined.

**AMERICAS Technology**

Dissertation/Thesis


Integrative learning; Applications; Technology; Video games

This report explores the implementation of an integrative learning application at an International Baccalaureate middle school. The application, "Level Up," aims to incorporate technology and video games into learning.
AP Language

Journal Article


Language Policy; Second language acquisition; Mother tongue; Middle Years Programme

This article investigates the IB language policy, which requires students to study a minimum of two languages. The specific population of focus in this project was Australian schools that implement the IB Middle Years’ Programme. The project found that schools, as well as students, face challenges adhering to IB language requirements.


AP Pedagogy

Journal Article


Music education; Composition; Musical process; Ownership; Reflection; Struggle

This qualitative study focuses on music artist-teacher’s approaches and practices in teaching Year 5 International Baccalaureate in a specialized arts school in Singapore. Data were collected by observation and interviews with teachers and students. Findings show the importance of the concept of “struggle” in composition.

http://rsm.sagepub.com/content/early/2014/08/12/1321103X14546817

AP Programme impact

Report


Middle Years Programme (MYP); Social-emotional well-being

This mixed method study focuses on the well-being (social, emotional, psychological) of International Baccalaureate Middle Years Programme students in Australia. Findings suggest that more than half of the students have a strong sense of well-being as well as a positive outlook and emotional state. Findings also show that female students, aged 14-16, had the lowest scores on several measures of well-being.


GLOBAL Assessment

Assessment; Competence; Performance

This article explores the tension between the International Baccalaureate Middle Years Programme’s focus on creativity, critical thinking, and international-mindedness with its competence-driven assessment model.

http://jri.sagepub.com/content/13/3/203

**GLOBAL Leadership**

Dissertation/Thesis


Education; Distributed leadership; Professional self-efficacy; Role clarity; Educational leadership

This dissertation explored the relationship between formal instructional leaders and coordinators in International Baccalaureate Middle Years Programmes. Using mixed methods, findings suggested that coordinators’ professional self-efficacy and clarity of roles would improve through formal instructional leaders’ commitment to distributed leadership.

http://gradworks.umi.com/36/20/3620855.html

**Primary Years Programme (PYP)**

AEM Inquiry

Journal Article


Inquiry-based learning; Pedagogical practice; Classroom discourse; Community of inquiry; Semiotics

This paper explores inquiry-based learning in the International Baccalaureate Primary Years Programme, examining C.S. Peirce’s ideas of semiotics, reasoning and community of inquiry.

http://www.tandfonline.com/doi/full/10.1080/03323315.2014.983303#.VJHhx2TF-Nw

AEM Standards alignment
Journal Article


Personal development; Values; Attitudes; Curriculum; Primary school; Strategies

This paper focuses on the development of attitudes and values in young students as well as the implementation of the Romanian curriculum for Personal Development. Data were drawn from a case study of a Romanian school implementing the Primary Years Programme.


AMERICAS Inquiry

Conference Proceedings


Inquiry-based teaching; Language immersion

This case study of an IB educational context examined how elementary school teachers understood inquiry-based teaching and how they implemented it in their teaching practices. The research was carried out at two language immersion International Baccalaureate candidate schools.

http://www.aera.net/Publications/OnlinePaperRepository

AMERICAS Inquiry

Dissertation/Thesis


Inquiry-based learning; Pedagogical practice; Student achievement

This dissertation discusses how inquiry-based methods became a part of the philosophy of the International Baccalaureate Primary Years Programme. The author reviews the results of research that examine how inquiry-based methods impact student development.

http://digitalcollections.net.ucf.edu/cdm/ref/collection/ETD/id/6282

AP Assessment

Report

Formative assessment; Assessment strategies

This study examined teachers’ knowledge and understanding of formative assessment in a Primary Years Programme school in Hong Kong. The author used action research strategies to investigate the role that different assessment strategies play in developing effective learning and teaching in the PYP classroom.

AP Leadership

Journal Article


School environment; Educational sociology; Classroom environment; Teacher-student relationships

Written by a veteran principal, the article discusses how to create classroom culture within school premises to maintain collegiality. He mentions that the development of culture is an emerging challenge among schools. The article focuses specifically on the Primary Years Programme’s focus on teamwork and whole school approaches to programme planning.

AP Programme impact

Report


Science literacy; Primary Years Programme; Schools; Australia

This report details a research project that assessed the science literacy of students in the Primary Years Programme (PYP) in Australian schools. Data were drawn from the National Sample Assessment in Science Literacy 2012, which was administered to Year 6 students across 10 schools. Findings showed that PYP students performed higher than the national average. Findings also showed that government PYP schools outperformed non-government PYP schools and urban schools outperformed rural schools.

AP Programme impact

Report

The focus of this research study, which was commissioned by the IBO, was on thirteen primary schools in Australia that implemented the IB Primary Years Programme (PYP). Mixed research methods were used to investigate the impact that implementing the PYP had on student outcomes and school culture.


**AP Programme impact**

Report


This research study, commissioned by the IBO, investigated early years (3-6 years) education in the Primary Years Programme. Researchers for the study evaluated the learning environments and curriculum frameworks in four early years programmes--two in Singapore and two in Melbourne, Australia.


**AP School transition**

Book


This book examines the International Baccalaureate Primary Years Programme and the dynamics of curriculum policy processes, including adoption, production, and enactment. The book describes a study of three international and remote schools in Indonesia, exploring the relationship between the two characteristics of international and remote.

http://www.springer.com/education+%26+language/book/978-3-319-08761-0

**GLOBAL Assessment**

Report


Assessment; PYP curriculum
The IBO commissioned this research study to investigate formative and summative assessment practices within the Primary Years Programme (PYP). The report also examined the PYP assessment framework against the larger educational context of 21st century primary education.

http://www.ibo.org/contentassets/2470e1b3d2dc4b8281649bc45b52a00f/assessmentintheypfinalreport.pdf

GLOBAL Language

Journal Article


Inquiry-based learning; International education; Learning

This study focuses on the International Baccalaureate Primary Years Programme (PYP) and the role of additional language instruction. The study examines how additional languages are taught in the PYP, including the frequency of lessons. The author examines the perceptions of community members on the role and placement of additional language teaching.

http://jri.sagepub.com/content/early/2014/02/27/1475240914521346