

## IMPACT REPORT: International Baccalaureate (IB)

### PROGRAM OVERVIEW

#### Vision & Mission

The International Baccalaureate (IB) team of Postsecondary Programming (PSP) supports the development of knowledgeable and caring young students, empowering them to take ownership of their own learning and develop skills applicable to a global and fast changing world.

#### Opportunity & Impact

The IB Diploma Programme (DP) and IB Career-related Programme (CP) provide students with the opportunity to take rigorous IB courses that not only help prepare students for college but also provide an opportunity to earn college-level credit by attaining a score of 4 or higher on an IB exam. Students in the IB CP also complete a career-related certificate that helps them to be industry ready at the time they graduate high school.

- 1,820 unique IB DP and CP students
- 105 unique IB DP and CP teachers
- IB student tuition savings were estimated at \$1800 per student from this past school year, a total of ~\$1,800,000 across the district.

### PROGRAM SUMMARY

#### Student Population

- Diploma Programme, 11th-12th grade
- Career-related Programme, 11th-12th grade
  - 1,820 unique IB Diploma Programme and Career Programme students
- Middle Years Programme (MYP), 6th-10th grade
- Primary Years Program (PYP), PK-5th grade
  - 21,474 unique IB PYP and MYP students

#### Campuses and Staffing

- 1 Director
- 105 Diploma Programme and Career Programme teachers
- 538 Middle Year Programme teachers
- 783 Primary Year Programme teachers

Authorized schools have gone through candidacy application and authorization visit with International Baccalaureate to be an official IB world school.

**See Appendix A for full list of campuses and enrollment**



## PROGRAM IMPACT

### Houston ISD is the largest IB district in Texas.

The PSP department oversees nearly 24,000 students in 35 authorized and 7 candidate programmes. At the DP and CP level, students take IB courses that follow an IB curriculum—encouraging students to engage in their global community. They can earn college level credit by attaining a score of 4 or higher on an IB exam. The highest distinction for the IB DP is to be awarded the IB Diploma.

To earn the IB Diploma students must score 24 or more points on 6 IB exams and successfully complete the core requirements which are Theory of Knowledge (TOK), Extended Essay (EE), and Creativity, Activity, and Service (CAS). To earn the IB certificate, students must pass 2 IB exams and successfully complete the core requirements which are language development, service learning, reflective project, and Personal and Professional Skills course (PPS). Students who earn the IB diploma are eligible to receive a minimum of 24 hours of credit in appropriate subject areas provided that a minimum score of four (4) is earned in each of the examinations.

#### May 2022 IB Exam Snapshot<sup>1</sup>

- 131 students received IB Diplomas.
  - Forty-four percent (44%) of diploma students earned the IB Diploma compared to twenty-three percent (23%) of diploma students in 2019.
- 167 students received CP certificates.
  - Sixty-five percent (65%) of career-related students earned the CP certificate compared to nine percent (9%) in 2019.
- 1,491 IB exams with a passing score of 4+.
  - Fifty percent (50%) pass rate for IB students compared to a thirty-eight percent (38%) in 2019.

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<sup>1</sup> May 2022 was the first year since 2019 that HISD students sat for May exams due to COVID modifications. Comparisons will be made to 2019 for this reason.

## PROGRAM HIGHLIGHTS

### Notable Experiences

- 150 students have attended IB Saturday Academies and Virtual Study Hall Tutorials
- The Chinese Language Program<sup>2</sup> provides support to the Chinese Language programs across HISD. Language acquisition and preservation of the mother tongue is a key component of the IB across the continuum.
  - Mandarin Immersion Magnet School (MIMS) Teachers presented three sessions at the American Council on the Teaching of Foreign Languages (ACTFL) Conference in Boston for the Chinese Language program.
  - Several IB schools including The School at St. George Place, Sharpstown International, Lanier, Bellaire, and Lamar are supported by the HISD Chinese Language Program and the collaboration among teachers.
- Postsecondary Programming started the *LitSpot:HISD*, a digital Literary Magazine, to encourage student writing and creative expression at all campuses districtwide.
- PSP hosted Metro Nashville Superintendent and Principals at IB Campuses Lamar, Lanier, and Wharton Dual Language Academy to learn more about expanding implementation of IB in their own district.

### Teacher and Coordinator Supports

- 88% of DP and CP teachers attended monthly (7) IB Professional Learning Communities
- 62% of MYP teachers attended monthly (6) Pre-AP PLCs
- National Math & Science Initiative (NMSI) Laying the Foundation Summer Institute for teachers
- Texas International Baccalaureate Schools (TIBS) held official IBO subject workshops in August and December.
  - 291 IB Teachers and Administrators attended TIBS in August
  - 65 IB Teachers and Administration attended TIBS in December
- 21 coordinators attended the 7 PYP Coordinator Meetings
- 11 coordinators attended the 7 MYP Coordinator Meetings
- 8 coordinators attended the 7 DP/CP Coordinator Meetings

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<sup>2</sup> Several IB schools including The School at St. George Place, Sharpstown International, Lanier, Bellaire, and Lamar are supported by the HISD Chinese Language Program and the collaboration among teachers.

## STUDENT STORY HIGHLIGHTS

### Brooklyn LaPrise, Patterson Elementary

Brooklyn LaPrise is a graduate of Patterson Elementary School, an IB PYP School, and has a strong interest in history and loves research, participating in History Day for the last 3 years. This year she earned first place in paper in the junior division and is moving on to state where she will have the opportunity for the first time to qualify for nationals. Brooklyn credits both the IB program for encouraging her to internalize the IB learner profile (risk-taker, communicator, knowledgeable) and the History Day competition for pushing herself to compete, despite initially feeling it was outside her comfort zone.



### Dorian Hawkins, Nathan Mardanov, Jackson Larsson, Anika Clark-Desai, Maria Cruz, Zach Nguyen, and Rohan Mahendru, Lamar High School

These IB Computer Science students were given the autonomy to create code for a coffee machine. The students coded the coffee machine to receive orders from a phone and then create the coffee order. The students demonstrated their successful project at Lamar's MYP/DP/CP Showcase.



## CHALLENGES

- Staffing turnover at all levels: Principals, SSOs, Coordinators, Teachers
- Lack of dedicated senior manager and academic program manager positions for IB
- Recruitment of IB students to DP & CP course offerings
- The same pool of students qualifies for competing Postsecondary Programs
- Covid learning loss
- Authority for campus-based programming decisions and implementation resides with individuals outside of Postsecondary Programming
- Limited number of section offerings creates scheduling conflicts with graduation requirements.
- Counselors with limited background knowledge of Postsecondary Programming
- Lack of professional development days throughout the school year

## GOAL ALIGNMENT

### Board Goal Progress

The percentage of students who by the end of 11th grade have demonstrated college readiness via Advanced Placement/International Baccalaureate (AP/IB) examinations, dual-credit coursework, or dual-enrollment credit eligibility will increase eight percentage points from 26% in 2019 to 34% in 2024.

### Office of CCMR Department Goals:

Increase the number of schools achieving A-C in domain 1 of the state accountability system.

#### Short-term Goals/Outcomes:

- Students receive quality lessons directly aligned to International Baccalaureate objectives, skills, and exams.
- Teachers implement IB tools and/or resources
- Alleviate the cost of IB exams for students
- Teachers and students use IB-aligned resources

#### Mid-term Goals/Outcomes:

- IB students will be prepared to receive >4 score when taking their respective IB exams
- Increase the amount of college tuition savings derived from credit earned on IB exams
- Increase number of campuses offering official Pre-AP\* curriculum in '23-'24, including campuses offering IB programming

#### Long-term Goals/Outcomes:

- Ensure the instructional rigor of all Pre-AP and IB instruction equals or exceeds that of the course guide documents
- Increase the number of IB students who matriculate directly to 4-year colleges and universities
- Increase the number of IB students who earn a bachelor's degree from a 4-year college or university within 6 years. Students completing IB courses in HISD will be prepared to complete their college coursework

\*There is no set curriculum for Pre-IB and to provide increased rigor, PSP recommends all schools offer Pre-AP courses in 9th and 10th grade to prepare students for their IB courses.

**Appendix A: Comprehensive list of IB schools and student enrollment**

School Name	Programme Type	Students Enrolled
Chavez HS	Diploma and Career Programme	509
Heights HS	Diploma and Career Programme	466
Lamar HS	Diploma and Career Programme	4225
Bellaire HS	Diploma Programme	312
Sharpstown Intl	Diploma Programme	296
Yates HS	Diploma Programme	79
Worthing HS	Career-Relate Programme	3
<i>Chavez HS*</i>	<i>Middle Year Programme</i>	<i>1274</i>
Heights HS	Middle Year Programme	1310
Hogg MS	Middle Year Programme	1115
Lamar HS	Middle Year Programme	1672
Lanier MS	Middle Year Programme	1430
Sharpstown Intl	Middle Year Programme	937
Tanglewood MS	Middle Year Programme	814
Cullen MS	Middle Year Programme	335
Houston MSTC	Middle Year Programme	1599
Ortiz MS	Middle Year Programme	885
Fondren MS	Middle Year Programme	855
Briargrove ES	Primary Year Programme	853
Briarmeadow	Primary Year Programme	589
Durham ES	Primary Year Programme	568
Foster ES	Primary Year Programme	380
Harvard ES	Primary Year Programme	667
Herrera ES	Primary Year Programme	806
<i>Mading ES*</i>	<i>Primary Year Programme</i>	<i>328</i>
<i>Memorial ES*</i>	<i>Primary Year Programme</i>	<i>424</i>
Northline ES	Primary Year Programme	419
Patterson ES	Primary Year Programme	909
Poe ES	Primary Year Programme	792
River Oaks ES	Primary Year Programme	687
Roberts ES	Primary Year Programme	717
Rodriguez ES	Primary Year Programme	917
School at St. George ES	Primary Year Programme	792
<i>Shadydale ES*</i>	<i>Primary Year Programme</i>	<i>671</i>
<i>Tinsley ES*</i>	<i>Primary Year Programme</i>	<i>628</i>
Twain ES	Primary Year Programme	913
<i>Walnut Bend ES*</i>	<i>Primary Year Programme</i>	<i>661</i>
Wharton K-8	Primary Year Programme	513
<i>Woodson ES*</i>	<i>Primary Year Programme</i>	<i>527</i>
<b>Total Number of Students</b>	PYP: <u>13,761</u> MYP: <u>12,226</u> DP and CP: <u>5,890</u>	

*\*Candidate schools (in italics): have completed a candidacy application and must pilot the program for at least one year as part of the process to become an official IB world school*