

# Commack High School

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## Academic Pathways Information Night

For Families and Students in Grades 9 and 10

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*November 20 , 2023*



# *Academic Programs Staff*

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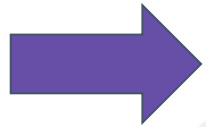
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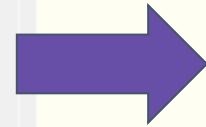
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# Academic Programs in Commack Schools

## *Engaging Learners in Meaningful Coursework*



9th & 10th  
Grade Offerings  
in Regents and  
Advanced  
Placement



College Courses

# Why should my child engage in the Academic Programs at Commack High School?



- Provides learners with **meaningful and unique learning opportunities** that cannot be replicated in state-level classes
- Gives learners exposure to a high-level learning environment that prepares them for **what they will choose to do** after leaving Commack High School
- Creates **well-rounded, inquisitive** and **experienced** learners
- Engages learners in project-based, hands-on, authentic learning experiences that allow them to explore their interests and **develop 21st century skills**



# An International Baccalaureate Education: *Our Flagship Program*



# *What is an IB Education?*

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- Aims to be informative, not definitive
- Invites conversation and reflection
- Focuses on interconnectedness between subjects with an international mindset
- Values progressive thinking of the past while remaining open to future innovation





International Baccalaureate®  
Baccalauréat International  
Bachillerato Internacional

## *IB courses...*

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- Provide collaborative learning opportunities for students
- Sharpen critical thinking skills
- Develop advanced communication skills
- Result in quality writing and research skills
- Strengthen reflection skills

# *The IB Learner Profile drives all we do...*

As IB learners we strive to be:



## IB Learner Profile

INQUIRERS

KNOWLEDGEABLE

THINKERS

COMMUNICATORS

PRINCIPLED

OPEN-MINDED

CARING

RISK-TAKERS

BALANCED

REFLECTIVE







# *Facts and Figures*

As of October 2021, there were over **7,400 programs being offered worldwide**; 942 of them offer the Diploma Program, 72 of them are in NY and 12 of them are on Long Island.

<b>Commack</b>	<b>Long Beach</b>	<b>North Shore</b>	<b>Sag Harbor</b>
<b>Portledge School</b>	<b>Bayshore</b>	<b>Hauppauge</b>	<b>Southside</b>
<b>Center Moriches</b>	<b>Locust Valley</b>	<b>West Islip</b>	<b>Northport</b>

Between 2016 and 2020 the number of IB Programs offered worldwide has **grown by 33.3%**



Diploma  
Programme

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# IB Diploma & Certificate Programmes

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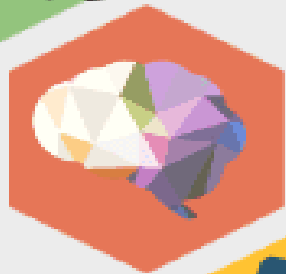
Course  
Certificate

# IB STRUCTURE

## 3 CORE



**CREATIVITY, ACTION,  
SERVICE**



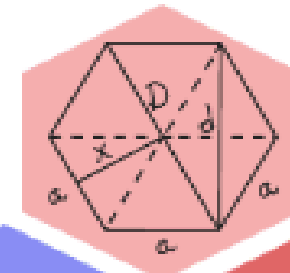
**THEORY OF  
KNOWLEDGE**



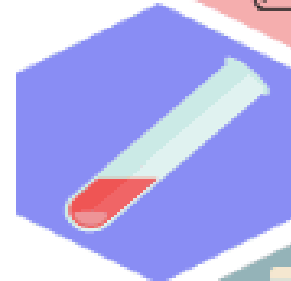
**EXTENDED  
ESSAY**

## 6 GROUPS

**MATHEMATICS**



**SCIENCES**



**INDIVIDUALS &  
SOCETIES**

**STUDIES IN  
LANGUAGE &  
LITERATURE**



**THE ARTS**

**LANGUAGE  
ACQUISITION**



# IB Diploma vs. Course Certificate

(Juniors and Seniors)

Full IB Diploma Candidates	Courses Candidates
<p>6 courses from Groups 1-6</p> <ul style="list-style-type: none"><li>• 3 Higher Level</li><li>• 3 Standard Level</li></ul> <p>Core:</p> <ul style="list-style-type: none"><li>• Extended Essay</li><li>• Theory of Knowledge</li><li>• Creativity, Activity, Service</li></ul>	<p>Take one or more courses</p> <p>Choose from a variety of course offerings from Groups 1-6</p>





# Types of Courses

## STANDARD LEVEL COURSES (SL)

These classes are either 1 or 2 year courses. Don't let "standard level" deceive you, they are still challenging courses.

## HIGHER LEVEL COURSES (HL)

These classes must be offered as 2 year courses. These courses go more in depth than SL courses.

***BOTH levels are considered rigorous coursework at the collegiate level!***

# IB Courses Offered at CHS

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
Language & Literature	Language Acquisition	Individuals & Societies	Experimental Science	Mathematics	Arts/Elective
Literature HL Language & Literature HL	<ul style="list-style-type: none"> <li>Spanish SL/HL</li> <li>French SL/HL</li> <li>Italian SL/HL</li> </ul>	<ul style="list-style-type: none"> <li>History HL</li> <li>Economics SL</li> <li>IB Global Politics SL</li> </ul>	<ul style="list-style-type: none"> <li>Biology SL/HL</li> <li>Chemistry SL/HL</li> <li>Physics SL/HL</li> </ul>	<ul style="list-style-type: none"> <li>Analysis and Approaches SL/HL</li> <li>Applications &amp; Interpretations SL</li> </ul>	<ul style="list-style-type: none"> <li>Visual Arts SL/HL</li> <li>Music SL/HL</li> <li>IB Theatre Arts SL/HL</li> <li>Business Management SL/HL</li> <li>Computer Sci. SL</li> <li>Psychology SL</li> <li>Dance SL/HL</li> <li>Sport, Exercise &amp; Health SL</li> </ul> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"> <li>another course from group 2, 3, 4</li> </ul>

**Diploma Candidates** (Full DP students): Need to pick one from each group and have a combination of 3 HL/3 SL or 4 HL/2SL classes.

**Course Candidates** (a la carte students): Can choose which classes and how many to take

\* All students must also follow NYS graduation requirements

# IB Core at CHS

Core		
Theory of Knowledge (TOK)	Extended Essay (EE)	Creativity, Activity, Service (CAS)
<p>Explores the nature of knowledge across disciplines</p> <p>Encouraging an appreciation of other cultural perspectives</p> <p>Explores how and why we know things and acquire knowledge</p> <p>Assessment: TOK Essay and Presentation</p>	<p>4,000 Word Research Paper Offers the opportunity to investigate a research question of individual interest</p> <p>Familiarises students with the independent research and writing skills expected at university</p> <p>Students get to pick an EE supervisor from staff</p>	<p>Encourages students to be involved in artistic pursuits, sports and community service</p> <p>Education outside the classroom</p> <p>Development of the learner profile</p> <p>Students will have 3 meetings with the CAS Coordinator to make sure they are on track.</p>

# Every IB Course has...

<b>Internal Assessment (IA)</b>	<b>External Assessment (EA)</b>	<b>IB SCORE (1-7)</b>
Around 20% of Final Grade. Each course has a slightly different percentage	Around 80% of Final Grade	Final Grade is awarded by the IB
Given within the span of the course by the teacher. The teacher grades this portion and we send in samples to the IB to moderate our scores (make sure they are accurate).	Given in May at the conclusion of the course . These exams are given in a testing environment outside of class. They are graded by the IB.	In early July of the testing year, the scores are released. These scores are sent to the appropriate college/university on file for the candidates.





# Example Course Selection

	Subject	Level	Score
Group 1	Literature	HL	4
Group 2	French	SL	5
Group 3	History	HL	6
Group 4	Biology	HL	4
Group 5	Math App	SL	4
Group 6	Psychology	SL	4
	Theory of Knowledge	C	1
	Extended Essay	C	
	Creativity Activity Service	P	
	<b>Total Points</b>		<b>28</b>

# What are college admission reps saying about IB?

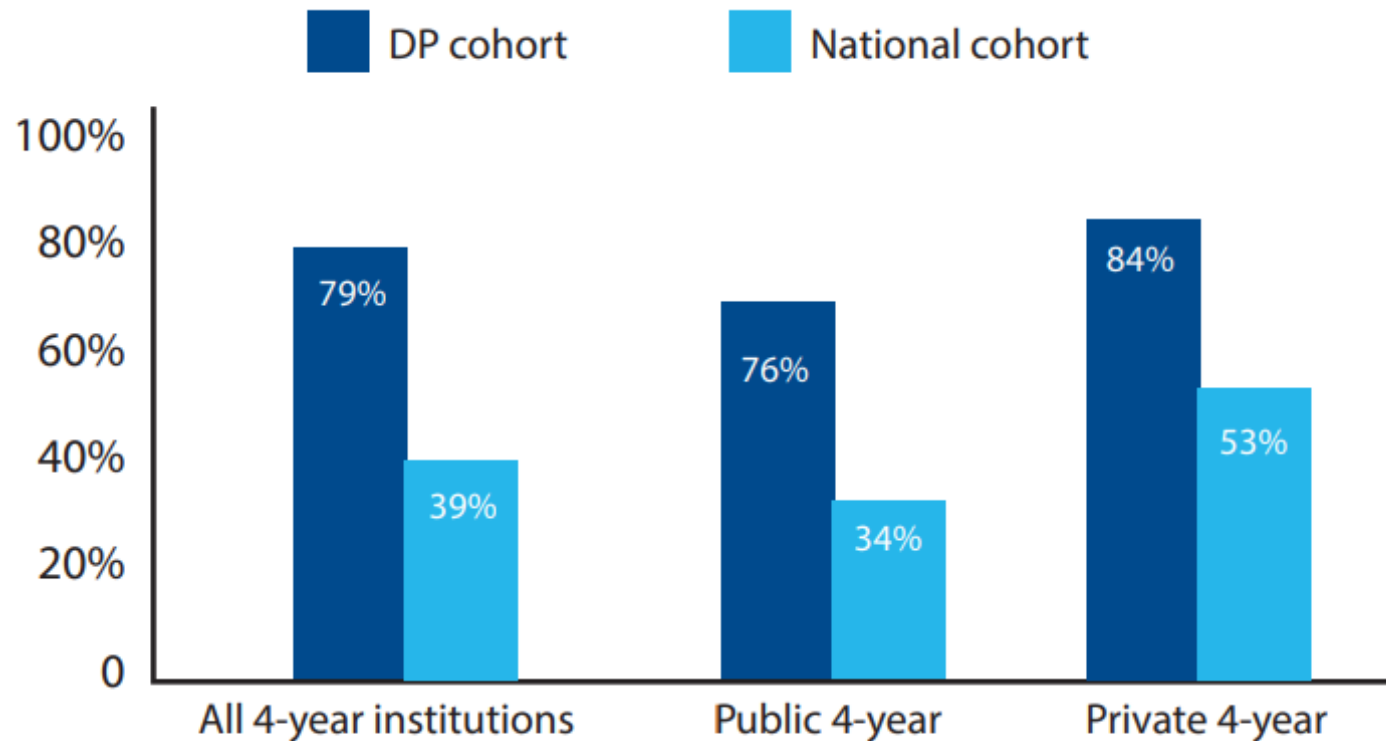
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- The admissions director of Harvard states: “**GPA is not nearly as important a factor in university admission as the IB Diploma.** If a student has to choose, choose the Diploma over protecting the GPA. ”
- The College of William and Mary says: “William and Mary recognizes the International Baccalaureate program as extremely rigorous; the best possible preparation for both **college work and life in the twenty-first century.**”
- Dr. Eugene Carson of Virginia Tech states: “. . . IB students who attended that university [Virginia Tech] as freshmen **significantly outperformed all other freshmen,** including students who had taken Advanced Placement courses.”  
[http://internationalcounselor.org/College%20program/ib\\_and\\_college\\_admissiokns.htm](http://internationalcounselor.org/College%20program/ib_and_college_admissiokns.htm)
- Dr. Patricia Peek Dean of Undergraduate Admissions for Fordham University"“The IB program is an excellent option for students. **Success in IB courses demonstrate academic rigor and achievement not only in actual content but in skills such as critical thinking,** advanced writing and research.”

# Colleges Care!!

Institution	IB Candidate acceptance rate	Total Pop. acceptance rate	IB advantage
University of Florida	82%	42%	40% (almost 2X)
U of Cali. Berkeley	58%	26%	32% (more than 2X)
University of Miami	72%	30%	42% (more than 2X)
U. of Central Florida	90%	47%	43% (almost 2X)
University of Virginia	64%	32%	32% (2X)
UNC Chapel Hill	63%	32%	31% (almost 2X)
NYU	57%	30%	27% (almost 2X)
Princeton University	16%	8%	8% (2X)
Carnegie Mellon	70%	38%	32% (almost 2X)
SUNY Binghamton	84%	42%	42% (2X)
Yale University	18%	7%	11% (more than 2x)

# Full IB Diploma vs. National Cohort



**Figure 4. Four-year graduation rates by institution type**

Note: National data only available for 2007 (NCES 2014)



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## DP PROGRAM

*ONE COURSE IN EACH OF THE 6 GROUPS*

- 3 SL & 3 HL courses required
- Theory of Knowledge
- Extended Essay
- Creativity, Activity, Service (CAS)

## CP PATHWAY

**Pathways: Businesses Administration, Health Sciences, Fine Arts & STEM**

- 2 DP COURSES (SL OR HL-one over 2 years)
- CRS (Career Related Study) courses over 2 years
- Personal & Professional Skills Course
- Reflective Project
- Service Learning
- Language Development