Capistrano Valley High School

IB Program Overview
“The IB builds on the most important knowledge, wisdom and ways of knowing from the past; engages seriously with the trends, promises and tribulations of the 21st century; and, most importantly, ponders how we might achieve the kind of world in which we would all like to live—sane, peaceful, sustainable… the IB asks, *To what ends shall we put our knowledge?*”

- Professor Howard Gardner, Harvard University
Why the Diploma?

- Pre-university qualification
- International education
- International recognition
- Breadth and Depth
- Challenging Programs
- Critical thinking, intercultural understanding
- Lifelong learners
IB Programme History at CVHS

- Started the IB Diploma programme in 2005
- First Diploma graduates in May 2007
- In the past 10 years 277 students have earned an IB Diploma
  - Average points earned = 31
  - Average pass rate = 92%
  - In approximately 60% of the subjects, our students have scored above the world wide average.
IB Programme at CVHS

- In spring of the sophomore year students elect to enroll in IB programme
- IB coordinators meet with each prospective student individually to create a 2 year IB plan
- IB coordinators will continue to monitor student throughout the 2 years
- Typically 30-36 students begin the programme
- Normally about 30-32 will complete the programme
- Students may opt to complete certificates in the subject areas instead of the full Diploma
2016 Diploma Graduates
Diploma Requirements

☑ One subject is studied from each area 1 - 5.
☑ Student chooses a sixth subject from either Group 6, or one of the other groups.
☑ Three subjects are *Higher level* (2 - years) and three *Standard level*.
☑ CAS, TOK and Extended Essay
It is imperative that the study of a world language be started before sophomore year.

**GROUP 1**
Honors English
ATMS Honors English

**GROUP 2**
Spanish-I or II
French-I or II
German-I

**GROUP 3**
World History
Hon World History
AP World History

**GROUP 4**
Honors Biology
ATMS Hon Biology

**GROUP 5**
Algebra I
Hon AlgII Trig
Hon ATMS
AlgII Trig
Geometry

**GROUP 6**
Elective

Note: All freshmen must be in PE
Sophomore Year

GROUP 1
English II Hon
English II Hon ATMS

GROUP 2
Spanish-II or III
French-II or III
German-II

GROUP 3
AP European History
AP World History

GROUP 4
Honors Chemistry
Hon Chemistry ATMS
Physics

GROUP 5
Geometry
AlgII Trig
AP Stats

GROUP 6
Elective
Junior / Senior Years

- The Diploma Programme is a 2 year program that begins in the Junior Year
- Students must take 6 exams (one per Group)
- 3 of the exams must be at the Higher Level (HL) and 3 at the Standard Level (SL)
- Students may take 2 SL exams during their Junior year
Junior/Senior Years

Student Choice-Humanities

GROUP 1
English HL*

GROUP 2
Spanish-SL/ HL
French-SL/ HL
German-SL/ HL

GROUP 3
History of the Americas HL*

GROUP 6
Music SL/ HL
Theatre SL/ HL
Visual Arts SL/ HL
Psychology SL

* * All IB Students take this class in 11th & 12th grade
Junior/Senior Years

Student Choice-Math/Science

GROUP 4
Biology HL
Environmental Science SL
Chemistry SL
Physics SL / HL

GROUP 5
Mathematics HL
Mathematics SL
Math Studies SL

GROUP 6
Second Science
Computer Science
Theory of Knowledge

"What are the different ways of knowing?"

- An interdisciplinary requirement intended to stimulate critical reflection on the knowledge and experience gained inside and outside the classroom.
- It is a mandatory component of the Diploma.
- Students write a conceptual essay for assessment externally.
- With the Extended Essay it can contribute to up to 3 bonus points.
Many students will say “TOK is the main reason to do the IB program!”

- Socratic Seminar
- Links all the Diploma subjects
- Students collaborate on presentations in which they apply TOK to a real world situation

“What happens in TOK stays in TOK”
Extended Essay

- A 4000 word study of a topic of special interest.
- It acquaints students with the kind of independent research and writing skills expected by universities.
- It may be written in one of 60 subjects, including languages.
- The essay permits students to deepen their programmes of study, by selecting a topic in one of their HL courses or by writing in a subject not included in their programme choices.
- It is a mandatory component of the Diploma.
- With TOK it can contribute to up to 3 bonus points.
- Students have a mentor to advise them.
The CAS programme encourages students to add balance to their schedules by participating in creative activities, volunteering and exercising:

- they may, for example, participate in theatre or musical productions, sports and community service activities.

Students should, through these activities, develop greater awareness of themselves, concern for others, and the ability to work cooperatively with other people.

- Students will design and complete a CAS project
- Students will reflect on the project
- A requirement to achieve the Diploma
Recognition and Results

- The I.B. Diploma is recognized by Universities nationally and internationally.

- Many Universities give first year credit for Diploma subjects-similar to AP.
# IB Diploma – College Acceptance Rates

<table>
<thead>
<tr>
<th>School</th>
<th>All Applicants</th>
<th>IB Diploma Applicants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown University</td>
<td>17%</td>
<td>21.5%</td>
</tr>
<tr>
<td>College Of William &amp; Mary</td>
<td>37%</td>
<td>66.4%</td>
</tr>
<tr>
<td>Columbia University</td>
<td>12%</td>
<td>18.5%</td>
</tr>
<tr>
<td>Cornell University</td>
<td>28.5%</td>
<td>51%</td>
</tr>
<tr>
<td>Dartmouth College</td>
<td>20.7%</td>
<td>33.3%</td>
</tr>
<tr>
<td>Georgia Institute of Technology</td>
<td>53.7%</td>
<td>88%</td>
</tr>
<tr>
<td>Harvard University</td>
<td>11%</td>
<td>14.8%</td>
</tr>
<tr>
<td>Johns Hopkins University</td>
<td>35%</td>
<td>68.8%</td>
</tr>
<tr>
<td>MIT</td>
<td>16.9%</td>
<td>26.2%</td>
</tr>
<tr>
<td>Princeton</td>
<td>11%</td>
<td>13.8%</td>
</tr>
<tr>
<td>Stanford</td>
<td>12.6%</td>
<td>18.3%</td>
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<tr>
<td>Tufts</td>
<td>26.6%</td>
<td>52.6%</td>
</tr>
<tr>
<td>US Air Force Academy</td>
<td>12.1%</td>
<td>68.4%</td>
</tr>
<tr>
<td>US Naval Academy</td>
<td>11.7%</td>
<td>45%</td>
</tr>
<tr>
<td>UC Berkeley</td>
<td>24%</td>
<td>47.1%</td>
</tr>
<tr>
<td>UC LA</td>
<td>24%</td>
<td>47.1%</td>
</tr>
<tr>
<td>University of Chicago</td>
<td>41.6%</td>
<td>59.1%</td>
</tr>
<tr>
<td>University of Michigan</td>
<td>49%</td>
<td>72.7%</td>
</tr>
<tr>
<td>University of Pennsylvania</td>
<td>21%</td>
<td>24.7%</td>
</tr>
<tr>
<td>USC</td>
<td>30.3%</td>
<td>72.2%</td>
</tr>
<tr>
<td>Vanderbilt</td>
<td>37.3%</td>
<td>73.1%</td>
</tr>
<tr>
<td>Villanova</td>
<td>14.5%</td>
<td>89.5%</td>
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IB Diploma: a strong predictor for University Success

Percentage of Students Graduating from a 4-Year University* Within 6 Years

- US population 25+ years old: 29%
- All Students (IB and non-IB): 58%
- IB Certificate Candidates: 64%
- IB Diploma Candidates: 76%
- IB Diploma Recipients: 80%
Traits of Successful IB Students

- Self motivated and family supported
- Desire to challenge themselves intellectually and academically
- Good language skills
- Critical thinkers
- Time and stress management skills
- Participate in school and community
- Open to new ideas and tolerant of other’s ideas
Benefits of IB

- Excellent “college prep” education!
  - Breadth
  - Depth
  - Strong communication skills
- Aligns with Common Core State Standards
- It is applied learning across the disciplines
- May earn college credit
- Internationally recognized
- IB emphasizes reflection, action taking, and international mindedness
- IB instills resiliency and academic perseverance needed for career and college readiness