

The IB Diploma Program

as presented by

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IB learner profile

- The IB learner profile is the IB mission statement translated into a set of learning outcomes for the 21st century
- As IB learners we strive to be:
 - inquirers
 - knowledgeable
 - thinkers
 - communicators
 - principled
 - open-minded
 - caring
 - risk-takers
 - balanced
 - reflective



Agenda

- **What makes the IB experience unique?**
- **Course Options** - building and making sense of the two-year sequence of classes
- **Frequently Asked Questions**

Why the RVC school district chose the IB Program...

We know it is the best program for **college and career preparedness**.

Why do we believe that?

- Strong liberal arts foundation
- Allows for student choice
- Emphasis on inquiry and critical thinking
- Authentic learning experiences
- Encourages independence
- Builds awareness of local, national and global issues
- Diploma requires multilingualism
- Variety of assessment modes
- Emphasis on writing over multiple choice
- Not just about the academics

National Association of Colleges and Employers (NACE) conducts a yearly survey of hiring managers to determine what skills and abilities employees most value (beyond a strong GPA):

1. Problem-solving / Critical thinking skills
2. Ability to work in a team
3. Strong work ethic
4. Analytic / Quantitative skills
5. Communication skills - Written
6. Leadership
7. Communication skills – Oral
8. Initiative
9. Detail-oriented
10. Technical skills
11. Flexibility / Adaptability

From naceweb.org, Results of the 2020 survey

IB Learner Profile

- Inquirers
- Knowledgeable
- Thinkers
- Communicators
- Principled
- Open-minded
- Caring
- Risk-takers
- Balanced
- Reflective

Approaches to Learning

- Thinking skills
- Research skills
- Communication skills
- Social skills
- Self-management skills

The IB is an inclusive program
at South Side.

Any student is welcome to
pursue IB coursework or the
full IB diploma, provided they
have the right mix of classes.

Ways to participate in the IB program...

❖ IB Diploma Candidate

- 6 IB courses – one or two years in length
- Participation in 3 central elements – CAS, Extended Essay, and Theory of Knowledge

❖ IB Course Candidate

- Individual IB courses – ranges from one course to five

IB Course Offerings

<u>SUBJECT GROUP</u>	<u>HIGHER LEVEL</u>	<u>STANDARD LEVEL</u>
<i>1. STUDIES IN LANGUAGE</i>	ENGLISH	
<i>2. LANGUAGE ACQUISITION</i>	SPANISH FRENCH	SPANISH FRENCH
<i>3. INDIVIDUALS & SOCIETY</i>	HISTORY BUSINESS MANAGEMENT	PSYCHOLOGY BUSINESS MANAGEMENT
<i>4. EXPERIMENTAL SCIENCES</i>	CHEMISTRY BIOLOGY PHYSICS	CHEMISTRY BIOLOGY PHYSICS ENVIRONMENTAL SYS.
<i>5. MATHEMATICS</i>		MATH ANALYSIS MATH APPLICATIONS
<i>6. THE ARTS</i>	VISUAL ARTS THEATRE ARTS MUSIC FILM STUDIES	VISUAL ARTS THEATRE ARTS MUSIC FILM STUDIES

Strong liberal arts foundation and allows for student choice

Inquiry, Critical Thinking, Authenticity

- **Going beyond simple memorization and recall.
Students must engage in inquiry and critical thinking.**

Example(s): Students create their own research question for individual exploration in a variety of subjects...

Math Internal Assessment – “Can a back bend in gymnastics be modeled using quadratics?”

“How do you graph harmonics and dissonance using trigonometry?”

Music Extended Essay – “Can a soundtrack from a video game or movie be considered ‘classical’?”

English Extended Essay – “How does the predator-prey motif reflect gender dynamics in Margaret Atwood’s *The Edible Woman*?”

Inquiry, Critical Thinking, Authenticity

- **Students analyze and respond to realistic/real-world scenarios and case studies.**

Example: On written assessments, students are asked to apply their knowledge of theory and methodology to given scenarios.

Business Management Paper 1 – *Afghan Sun* Case Study

Sample exam questions:

- Describe the advantages of using a cash-flow forecast, based on a given table.
- Explain the difference between leadership and management, with reference to Su and her managers.
- Explain the factors Su may consider when deciding between two given locations for the production facility.
- Discuss the value to Su of a force field analysis in deciding whether to grow through change.

Inquiry, Critical Thinking, Authenticity

➤ **Practice, not just theory**

- ❑ Exhibition of artistic pieces in IB Visual Arts
- ❑ Collaborative creation and presentation of an original 13-15 minute theater piece in IB Theatre
- ❑ Original composition as well as performance of musical pieces in IB Music



- ❑ Collection and extraction of DNA at Dolan DNA Learning Center; comparison of genome sequence to the Neanderthal and other ancient hominids.

The International Baccalaureate uses *multiple assessment methods* to measure student achievement in all its courses.

The guiding philosophy is to give students an opportunity to demonstrate what they know, rather than focus on what they don't know.

Assessment

- Internal and external assessments, using established grading criteria
- Varied skills tested across disciplines
- Balance between independent and teacher-supervised work
- Students maintain control over many aspects of assessment

Consistent Writing Practice

Writing Across the Curriculum

- Spanish/French – writing (ex: letter, brochure, news article) in response to a given scenario
- Music – writing to critically reflect on the process of creating and experiencing music
- Physics – written investigation based on a student-generated research question

Emphasis on the Process Model

- Proposal → Draft → Feedback and Revision → Submission
- Supports: In-class workshopping, peer editing, teacher feedback throughout all steps of the process, etc.

Extended Essay

- A formal research paper investigating a topic of special interest
- Research question or hypothesis created by the student
- Related to an IB subject
- Develops the kind of independent authentic research and writing skills expected at the college level

An Analysis of Social Influence on American Fashion Trends Between the 1930s and the 1980s

A comparison of *The Yellow Birds* and *All Quiet on the Western Front*

Ataturk's Influence on Westernizing Turkey



Building an IB Diploma Program

To meet the IB Diploma Requirements, students must:

- **take 3 higher level (HL) and 3 standard level (SL) courses from each of 6 core curriculum groups**
 - HLs = 2 years of study (completed in Senior Year)
 - SLs = 1-2 years of study
(two SLs can be completed in Junior Year – Math Analysis, Physics)
- **accumulate 24 points; each course is graded on a scale of 1 to 7**
- **higher grades in one course may be used to make up for lower grades in another course, provided that the total points is 24+**

An IB Diploma Sequence

Higher Level

English¹

History³

**3rd higher
level course**

Standard Level

Spanish or

French²

**Math Analysis or
Math Applications^{5*}**

**3rd standard
level course**

*Math Analysis = 1-year course;
Math Applications = 2-year course

An IB Diploma Sequence

Higher Level

- **English¹**
- **History³**
- **Music⁶**
- or
- **Visual Arts⁶**
- **Theatre⁶**
- **Film⁶**

Standard Level

- **French²**
- **Math Analysis⁵**
- **Physics SL⁴**

An IB Diploma Sequence

Higher Level

- **English¹**
- **History³**
- **Chemistry⁴
or Biology⁴**

Standard Level

- **Spanish²**
- **Math Analysis⁵**
- **Physics SL⁴**

Junior Year Science Snapshot

	D1	D2	D3	D4	D5	D6
Per 1	IB Physics	IB Physics	IB Physics	IB Physics	IB Physics	IB Physics
Per 2	<i>IB Chem or Bio</i>	IB Physics Lab	<i>IB Chem or Bio</i>	IB Physics Lab	<i>IB Chem or Bio</i>	IB Physics Lab

An IB Diploma Sequence

Higher Level

- **English¹**
- **History³**
- **Business³**

Standard Level

- **French²**
- **Math Applications⁵**
- **Environmental Systems⁴ (Senior Year)**

An IB Diploma Sequence

Higher Level

- English¹
- History³
- Spanish²

Standard Level

- Math Applications⁵
- Physics SL⁴
- Psychology³ (Senior Year)

From the *National Association for College Admissions Counseling - State of College Admission, 2019*:

Factors seen as “considerably important” in the admission decision include:

- Grades in all courses
- Grades in college prep courses
- Strength of curriculum
- Admission test scores (SAT, ACT)

Next most important factors include:

- Essay or writing sample
- Student’s demonstrated interests



Creativity, Activity and Service

- **Creativity:** arts and other experiences that involve creative thinking
- **Activity:** physical exertion contributing to a healthy lifestyle
- **Service:** engagement with the community in response to an authentic need

CAS

Name your experience:

Reflection

- **Describe** what happened. Retell memorable moments, identify what was important or influential, what went well or was difficult, obstacles and successes.
- **Express** feelings. Articulate emotional responses to your experiences.
- **Generate** ideas. Rethink or re-examine choices and actions.
- **Ask** questions. Questions about people, processes or issues prompt further thinking and ongoing inquiry.

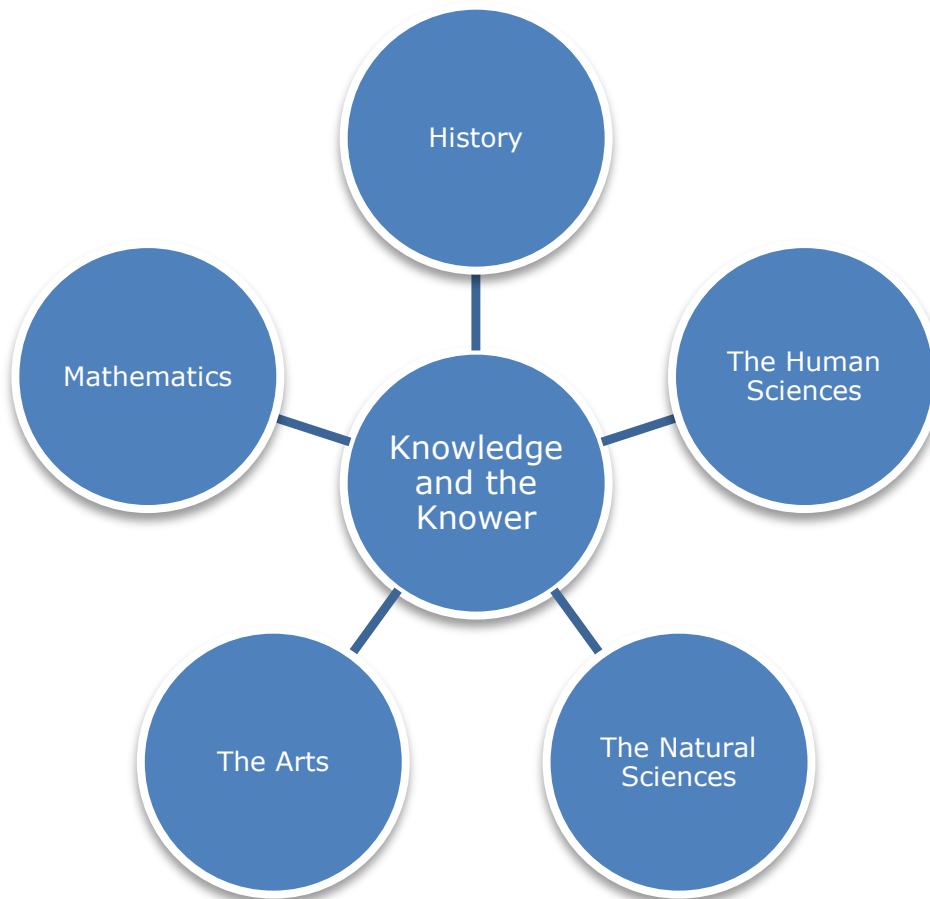
Check any CAS strand(s) related to this experience.

Creativity	Exploring and extending ideas leading to an original or interpretive product or performance	
Activity	Physical exertion contributing to a healthy lifestyle	
Service	Collaborative and reciprocal engagement with the community in response to an authentic need	

Check any Learning Outcome(s) related to this experience.*

Learning Outcome #1	Identify your own strengths and develop areas for personal growth	
Learning Outcome #2	Demonstrate that you have undertaken challenges and developed new skills in the process	
Learning Outcome #3	Demonstrate how to initiate and plan a CAS experience	
Learning Outcome #4	Show commitment to and perseverance in your CAS experience	
Learning Outcome #5	Demonstrate the skills and recognize the benefits of working collaboratively	
Learning Outcome #6	Demonstrate engagement with issues of global significance	
Learning Outcome #7	Recognize and consider the ethics of choices and actions	

THEORY OF KNOWLEDGE



TOK Exhibition

TOK Essay

The IB Diploma Program is meant to be:

- Broad
- Balanced
- Conceptual
- Connected

TOK plays a key role in making this happen.

Consider these TOK Essay prompts:

- When mathematicians, historians and scientists say that they have explained something, are they using the word ‘explain’ in the same way?
- Can literature “tell the truth” better than other Areas of Knowledge?
- “Without application in the world, the value of knowledge is greatly diminished.” Consider this claim with respect to two Areas of Knowledge.

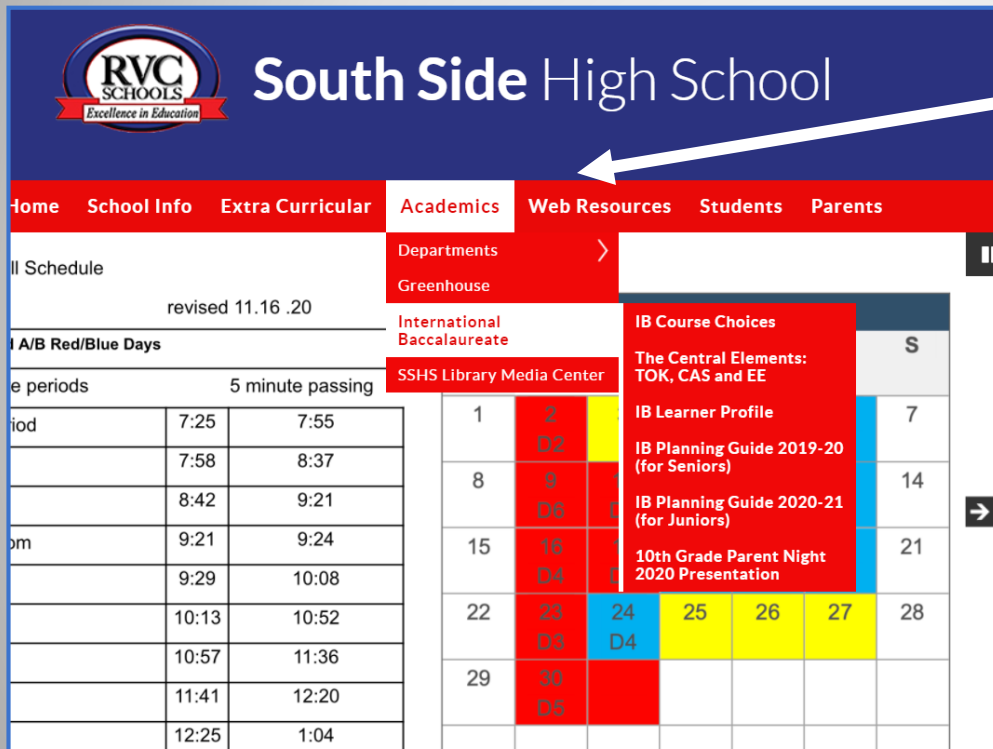
Researching college credit policies

<http://www.ibo.org/university-admission/>

<http://www.ibo.org/parents>

- **University Policy Index:**
 - Lists college/university IB policies
 - Provides information on admissions, credit and/or placement policies
- **Visit college and universities websites**
 - Type “IB credit policy” in the search box

For more information, visit our IB subsite:



The screenshot shows the South Side High School homepage. At the top left is the RVC Schools logo with the tagline 'Excellence in Education'. The main header reads 'South Side High School'. Below this is a red navigation bar with links: Home, School Info, Extra Curricular, Academics, Web Resources, Students, and Parents. An arrow points to the 'Academics' link. A dropdown menu is open under 'Academics', showing options: Departments, Greenhouse, International Baccalaureate, and SSHS Library Media Center. The 'International Baccalaureate' option is highlighted. To the right of the dropdown, a sidebar lists IB resources: IB Course Choices, The Central Elements: TOK, CAS and EE, IB Learner Profile, IB Planning Guide 2019-20 (for Seniors), IB Planning Guide 2020-21 (for Juniors), and 10th Grade Parent Night 2020 Presentation. The main content area on the left shows a school schedule with a table of periods and times.

Period	7:25	7:55	8:37	9:21	9:24	10:08	10:52	11:36	12:20	1:04
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33

From the high school homepage, hover over "Academics" and click on "International Baccalaureate."

Here you will find:

- Subject briefs
- Our IB handbook
- A video with graduate testimonials

Contact Information

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