

## THEORY OF KNOWLEDGE (TOK)

11th Grade: 2nd Semester

12th Grade: 1st Semester

- **Assessments:** Essay and Exhibition
- **Course Description:** Students will study the five areas of knowledge, the knowledge and the knower, and two additional themes. Each candidate must submit one essay on an IB prescribed title and an exhibition of three 'objects' linked to one of the optional themes through commentary.
- **Study Hours:** Students should expect to spend 1-2 hour of collaboration time outside of class.

## CREATIVITY, ACTION, SERVICE (CAS)

11th Grade: Approximately 75 hours balanced in each area of CAS

12th Grade: Approximately 75 hours balanced in each area of CAS

- Students should aim for approx 150 hours total, with equal distribution among creativity, activity, and service. Hours are not as significant as the student's ability to demonstrate the seven learning outcomes through reflection upon experiences
- Students must undertake a collaborative CAS project of at least one month's duration
- Students will create a portfolio on ManageBac to document, provide evidence, and reflect on their CAS experiences
- Students are required to meet with the CAS supervisor, Mrs. Noe, at least three times during the program, where they will show the progress made in their portfolios
- To approve activities or for more information, contact Mrs. Noe

## EXTENDED ESSAY (EE)

- IB assessment submitted during 12th grade
- Externally assessed and, in combination with the grade for TOK, contributes up to 3 points to the total scores for the IB diploma
- A piece of independent research/investigation on a topic chosen by the student in cooperation with a supervisor in the school
- Students must interact and reflect with their supervisor at least three times
- Presented as a formal piece of scholarship containing no more than 4,000 words
- Approx 40 hours of work concludes with a short interview, or viva voce, with the supervisor

## FREQUENTLY ASKED QUESTIONS (FAQS)

### Q: What is the difference between MYP and DP?

A: The Middle Years Programme is the name used to describe the 9th and 10th grade, while the Diploma Programme (DP) involves students during 11th and 12th grade who are fully participating in the IB program. Both are components of the IB education continuum.

### Q: What is the difference between AP and IB?

A: AP classes are offered in isolation, while IB courses are part of a cohesive curriculum. This curriculum is the most rigorous program that is offered in the district. The program fosters a community of ambitious students who develop the traits of the IB learner profile, focus on international-mindedness, and are provided an education incorporating approaches to teaching and learning (ATLs). The program offers a well-rounded and holistic approach to learning.

### Q: What are the IB diploma requirements?

A: Students must score 24 or more points on their assessments. 12 or more points must be earned among their 3 HL exams and 12 or more points must be earned among their 3 SL exams. A student cannot earn an N (incomplete) on any component of their assessments. Students must also earn passing scores on their Extended Essay and in TOK. Lastly, all CAS hours and documentation must be completed over the two years.

### Q: What exams are required?

A: A diploma candidate must complete 6 exams, 3 HL and 3 SL. One exam must be completed from all Groups 1-5. The sixth exam can be from Group 6 or an additional Group 3 or 4. During junior year, students may take no more than 2 SL exams. During senior year, students may take any combination of HL or SL exams to fulfill IB testing requirements.

### Q: What is the difference between SL and HL exams?

A: Standard level (SL) exams require less content and tend to be shorter exams. IB requires 150 hours of study to cover the SL curriculum. Higher level (HL) exams require more depth, longer exams, at least 240 hours of instruction, and are more widely recognized for college credit among universities. (Please contact your desired university for more information.)

### Q: How are points earned?

A: Students must complete the internal assessments associated with each course and pass the respective external exams with an average combined score of 4 or better. Additional points may be earned for high scores on the Extended Essay and in Theory of Knowledge.

Colleen Lum

IB Diploma Program Coordinator

(951) 739-5670 clum@cnsud.k12.ca.us



# Centennial HIGH SCHOOL



## DIPLOMA PROGRAM

### IB Mission Statement

The Centennial International Baccalaureate Program aims to develop inquiring knowledgeable, and caring young people who help create a better and more peaceful world through intercultural understanding and respect. To this end, the school works with the IBO, students, parents, and the community to implement a challenging academic program of international and rigorous assessment. This program encourages academically driven students across our community to become active, compassionate, and lifelong learners.

1820 Rimpau Avenue, Corona, CA 92881

GROUP 1 - LANGUAGE A

11th Grade: IB English HL1

12th Grade: IB English HL2

- **Assessments:** Essay, oral assessment, and 2 external exams
- **Course Description:** The course develops an understanding of factors that contribute to the production and reception of literature. Through close analysis of a range of literary texts in a number of literary forms and from different times and places, students will consider their own interpretations as well as the critical perspectives of others.
- **Study Hours:** Students are expected to read the required texts and should allow for at least 3 hours of study per week.

GROUP 2 - LANGUAGE B

11th Grade: IB Spanish 3, IB French 3

12th Grade: IB Spanish SL, IB Spanish HL, IB French SL, IB French HL

- **Assessments:** Oral Assessment, Listening exam, and 2 external exams
- **Course Description:** Students can only test in a Language B exam after having successfully completed 4 years of the same world language. Students will complete oral assessments that are submitted to IB, and reading, listening and writing assessments in May. Students are expected to participate and speak in the target language in class.
- **Study Hours:** Hours may vary between courses, but students should expect at least 2 hours of study every week.



GROUP 3 - INDIVIDUALS & SOCIETIES

11th Grade: IB History of the Americas HL1

12th Grade: IB History of the Americas HL2

- **Assessments:** Historical Investigation and 3 external exams
- **Course Description:** The internal assessment is a 2,000-word historical investigation on a topic of the student's choice and supervised by the teacher. The course covers IB prescribed topics, two world history topics, and an in-depth study of the History of the Americas. An emphasis is placed on source-based reading and writing.
- **Study Hours:** Hours may range from 3-5 hours a week.

11th Grade: IB Psychology HL1

12th Grade: IB Psychology HL2

- **Assessments:** Experimental study and 3 external exams in May
- **Course Description:** This course covers the 3 areas of biological, cognitive, and sociocultural behavior. In addition, the course covers approaches to researching behavior that is assessed on exam 3 and one HL option. The internal assessment is a report on the replication of an existing psychological study.
- **Study Hours:** Students should expect 3-5 hours per week.

GROUP 4 - SCIENCES

11th Grade: IB Biology HL1, IB Biology SL, Environmental Systems SL, IB Physics HL1, IB Physics SL1

12th Grade: IB Biology HL2, IB Biology SL, Environmental Systems SL, IB Physics HL2, IB Physics SL2

- **Assessments:** Group 4 Project, Individual Investigation, and 3 external exams
- **Course Description:** These are college level courses that teach the nature of science with a focus on inquiry-based learning. Students are required to complete an individual investigation as part of their exam and participate in the Group 4 Project, a collaborative project that challenges students to use all science disciplines to address an issue. In May, students will sit for 3 papers consisting of multiple choice, short answer, free response, and data analysis.
- **Study Hours:** Hours may vary between courses, but students should expect at least 3 hours of study every week.

11th Grade: IB Computer Science HL1

12th Grade: IB Computer Science HL2

- **Assessments:** Group 4 Project, Computational Solution, and 3 external exams
- **Course Description:** This course covers system fundamentals, computer organization, networking, computational thinking, abstract data structures, resource management, and control. An option will also be studied. Students are required to complete a computational solution, which is the practical application of skills through the development of a product, and participate in the Group 4 Project (see the experimental science description above).
- **Study Hours:** Hours may vary between courses, but students should expect at least 3 hours of study every week.

GROUP 5 - MATHEMATICS

11th Grade: IB Math AI SL, IB Math AA SL1 (AP Calc AB or BC), IB Math AA HL1

12th Grade: IB Math AI SL, IB Math AA SL2, IB Math AA HL2

- **Assessments:** Math Exploration and 2-3 external exams
- **Course Description:** Both Math AI and Math AA cover the topics of number and algebra, functions, geometry and trigonometry, statistics and probability, and calculus. Each course also covers the development of investigational, problem solving and modeling skills and the area of an area of mathematics. The two offerings are distinguished by the time spent covering each component and the content covered within each topic.
- **Study Hours:** Students should expect at least 3 hours of study every week.

GROUP 6 - THE ARTS

11th Grade: IB Film SL

12th Grade: IB Film SL

- **Assessments:** Film portfolio, comparative study, and textual analysis
- **Course Description:** The course covers reading film, contextualizing film, and exploring film production roles. Students gain an appreciation for artistic, cultural, historical, & global perspectives.
- **Study Hours:** Students should expect 1-2 hours of study time.

11th Grade: IB Visual Arts SL

12th Grade: IB Visual Arts SL

- **Assessments:** Exhibition, comparative study, and process portfolio
- **Course Description:** The course covers visual arts in context, visual arts methods, and communicating visual arts. Students maintain an art journal throughout the two years to conduct and collect their learning.
- **Study Hours:** Students should expect 1.5 art pieces per month.

11th Grade: IB Theatre SL1, IB Theatre HL1

12th Grade: IB Theatre SL2, IB Theatre HL2

- **Assessments:** Collaborative Project, Solo Theatre Piece, Director's Presentation, and Research Presentation
- **Course Description:** The course covers theatre in context, theatre processes, and presenting theatre. Students maintain a theatre journal throughout the two years to conduct and collect their learning.
- **Study Hours:** Dependent on time period and productions in work.

