

WHAT IS AN IB EDUCATION?

Why IB is different – and better?

IB EDUCATIONAL PHILOSOPHY



❖ **Eye on NOW and the future.** Learning content and skills to be a successful student – and to be prepared to achieve in college and beyond -- students create lifelong learning habits of mind to be leaders and innovators.

❖ **Think globally, act locally.** By looking at the “big picture” and by seeing ourselves in the context of a global society, students can understand the importance of their contributions, make connections with others, and believe that they make a difference.

EDUCATION THROUGH LIBERAL ARTS



Grade 11

- **Language A1: English HL, Year 1 of 2**
- **Language B1: Year 4 or 5, Spanish, Chinese or French**
- **History of the Americas HL, Year 1 of 2**
 - **Experimental Science**
 - **Biology SL**
 - **Chemistry SL**
 - **Mathematics**
 - **Extended Math**
 - **Mathematics SL or Math Studies SL**
 - **Arts or Elective**
- **Psychology SL, Theatre Arts (Yr 1 of 2), Visual Arts HL (Yr 1 of 2) or**
 - **Other IB science**
 - **Theory of Knowledge**

Grade 12

- **Language A1: English HL, Year 2 of 2**
- **Language B1: Year 5 SL or 6 HL/SL, Spanish, Chinese or French**
 - **World Topics SL or HL, Year 2 of 2**
- **Experimental Science: Chemistry SL or HL or Biology SL or HL**
 - **Mathematics: Mathematics SL or Math Studies SL**
- **Arts or Elective: Psychology SL or HL, Theatre Arts SL or HL, Visual Arts HL, Biology SL or HL or Chemistry SL or HL**
 - **Theory of Knowledge**
- **AP Electives: Physics, Calculus, Statistics, Computer Science**
- **World History, Art History, Environmental Science, Biology, Chemistry, Music Theory**

OUR WRITTEN CURRICULUM

Year plans are on my blog: <http://blogs.henrico.k12.va.us/henricoib/> on this page: <http://blogs.henrico.k12.va.us/henricoib/our-curriculum-diploma-program/>

Teachers can share more upon request.



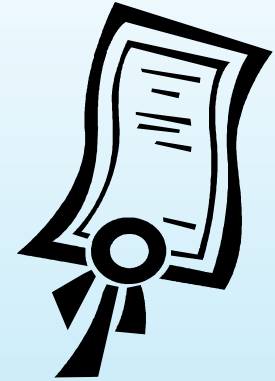
IB EXAMS



- Must have at least **3 Higher Level** or 2-year courses and **3 Standard Level** courses, 2 of which may be one-year courses for Diploma
- Mathematics and Math Studies are ONLY offered as one year SL
- Visual Arts and English are ONLY offered as HL
- Other courses offer a choice
 - History – SL or HL (two year course— History of the Americas and World History Topics)
 - Theatre Arts – SL or HL (two year course)
 - Language – SL or HL (two years) Year 5=SL, 6=SL or HL
 - Psychology – SL or HL (one or two years)
 - Sciences – SL or HL (one or two years)

<http://blogs.henrico.k12.va.us/henricoib/ib-diploma-curriculum/>

ACHIEVING THE IB DIPLOMA



Must have submitted CAS, TOK, and EE (and can earn points)

Student must pass both TOK and EE with a D or higher

Qualified students (CAS, TOK, EE) may achieve the Diploma with 24 of 42 points

12 of the 24 points must be in Higher Level

At least 9 points must be earned at the Standard Level

No grade 1 in any subject

No grade 2 in Higher Level

No more than three grades of 3, generally

No more than one 2 in SL's

EE AND TOK: REQUIRED FOR THE DIPLOMA

TOK/EE Grade	A	B	C	D	E
A	3	3	2	2	Failing condition
B	3	2	2	1	Failing condition
C	2	2	1	0	Failing condition
D	2	1	0	0	Failing condition
E	Failing condition	Failing Condition	Failing Condition	Failing Condition	Failing condition

EDUCATION THROUGH INQUIRY



- ❖ **Inquiry** model means that every unit starts with questions or a problem. Connections to TOK are a part of every course.
- ❖ Can be frustrating to students dependent on the teacher for “creating knowledge” for them
- ❖ Ultimately more effective in creating a lifelong learner. Students are taught “habits of mind” as well as content.
- ❖ Research skills are innately part of instruction.

5 HABITS OF MIND FOR **POWERFUL** THINKING

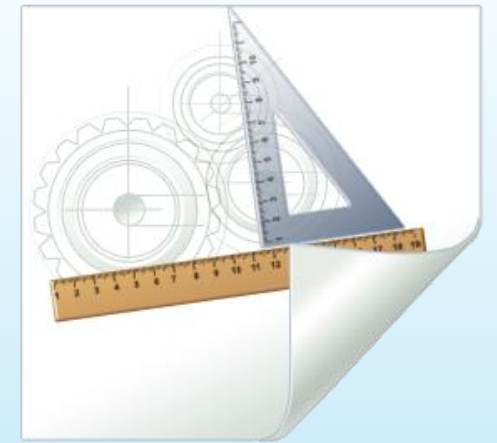
Deborah Meier, educator and blogger:

- ❖ Significance (why it is important)
- ❖ Perspective (what is the point of view)
- ❖ Evidence (how do you know)
- ❖ Connection (how does it apply)
- ❖ Supposition (what if it were different)



❖ <http://21centuryschools.wordpress.com/2011/06/28/5-habits-of-mind-debroah-meier/>

EDUCATION THROUGH ASSESSMENT



- ❖ Assessment is a larger term than test or project.
- ❖ It speaks to the purpose – assessing student growth. Tests, quizzes, projects, presentations or essays are strategies for measuring growth.
- ❖ DP assessment is **CRITERION BASED** . Each subject has criteria with a maximum matrix of varying levels of points for achievement. Internal assessments are graded by the teacher and submitted to IBO for moderation and grade award.
- ❖ Our rule: No more than 2 due dates/tests per day.

CRITERIA SCORE TO GRADE



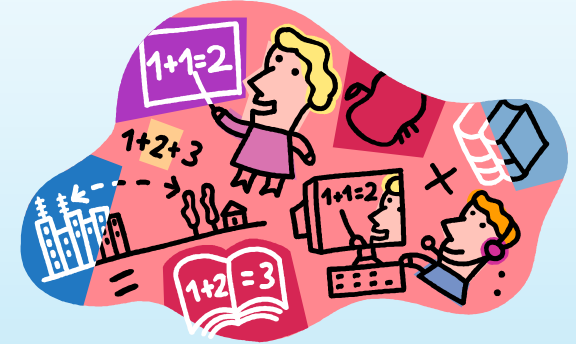
- ❖ Teachers assess student work, awarding a criterion or rubric score.
- ❖ By departments, teachers have decided on a conversion to an HCPS percentage.
- ❖ Thus, a 10/20 is NOT a 50% or F. **It is satisfactory or a C.** Assignment of the HCPS grade is therefore not mathematical but based on an equivalent grade.
- ❖ **Not all work is assessed with the IB rubrics.**

LANGUAGE EDUCATION



- ❖ All teachers are language teachers!
- ❖ **From our language policy:** “Language education is more than learning to speak and write in another language. In our program, language education includes how our students must be careful “consumers” of language with an awareness of the subtleties of rhetoric and reasoning as well as how language use may differ in each academic discipline. Our students receive instruction and experience in all disciplines in the art and science of written and oral communication. Finally, our program emphasizes the social and cultural uses of language to establish identity and build relationships.”
- ❖ Communication skills that are discipline appropriate are a focus in each subject and are often one of each subject’s criteria.
- ❖ Communication is emphasized in both the **Approaches to Learning** as a learning skill AND in the **Learner Profile** as an exemplary character attribute.

EDUCATION ABOUT LEARNING



- ❖ **Approaches to learning** are an intense focus throughout the IB continuum.
- ❖ Each unit offers explicit instruction in one of ten skills.
- ❖ Skills are **Organization, Collaboration, Communication, Information literacy, Reflection, Thinking and Transfer.**
- ❖ You can see our learning skill curriculum on my blog.
- ❖ Also we have a “**Learning Tool Kit**” with suggestions and strategies for each subject on my blog.
- ❖ Metacognitive skills are essential for lifelong learning!

CHARACTER EDUCATION



- ❖ The **Learner Profile** provides a basis of behavior and a mindset to strive for.
- ❖ Instruction uses them as a focus. See my blog!
- ❖ The LP also ties into the **Approaches to Learning**.

ACADEMIC INTEGRITY

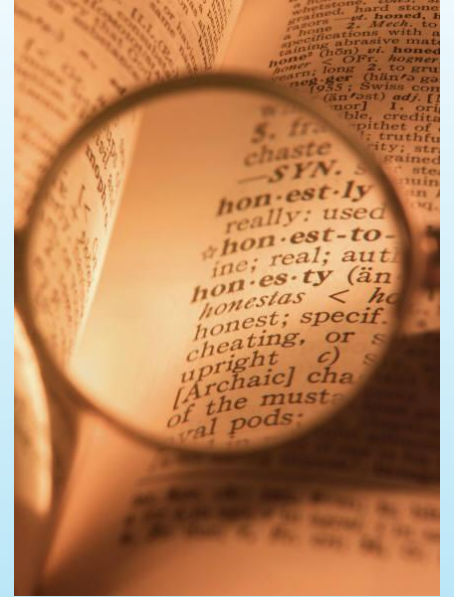
Academic Integrity

Malpractice or infringement rather than cheating

- Result not intent
- Suspicions with strong supporting evidence are documented through office referral
- Most difficult for students is inappropriate materials in the test room

Information and support

- ***All About IB***
- Honesty contract
- Website: <http://blogs.henrico.k12.va.us/henricoib/academic-honesty-website/>



MAINTAINING GOOD STANDING



In the Diploma Program,

Students must remain in good standing with a **C average or better** to examine in that subject or to progress to the second year.

Students must be up to date in CAS (by 9/30) and have turned in an EE draft (by 9/14) to be registered as a Diploma Candidate.

Students may be removed from exam registration, with the subsequent change in status from Diploma to Course Student, **if a student has a D or F average** at the end of semester one.

Students who **have not completed the internal assessment** or work leading up to the internal assessment will not be registered for or will be withdrawn from the exam.

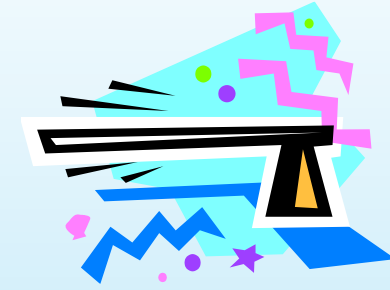
Failing students may be removed from the class and will be rescheduled in a different class of the same subject, if it is available. Students may be charged the change fee to drop them from exam registration.

GLOBAL EDUCATION



- ❖ International-mindedness is more than food, flags and festivals.
- ❖ Globalism embraces the idea that we are all citizens of the planet who share a common humanity. As fellow humans, we face similar struggles and have similar aspirations, although our time and place may dictate those struggles or limit our aspirations.
- ❖ Instruction is geared to teach students to be open-minded and tolerant of differences and to seek common ground.
- ❖ International service and travel – Courts for Kids

EXPERIENTIAL LEARNING: CAS



- ❖ IB wants students to see their education as a springboard toward right and meaningful action in the world.
- ❖ They have identified **Learner Outcomes** or non-cognitive skills that build successful people: increasing awareness of your own strengths and areas for growth, undertaking new challenges, planning and initiating activities, working collaboratively with others, showing perseverance and commitment in your activities, engaging with issues of global importance, considering the ethical implications of your actions, developing new skills
- ❖ CAS, Creativity-Action-Service, gives students that opportunity.
- ❖ “CAS Made Simple,” found on my blog, gives you specific requirements.
- ❖ Four goals a year with 4 activities in support and a project that takes at least a month to plan and complete. Documentation through ManageBac.

CULMINATING PROJECT



The extended essay is

- ❖ compulsory for all Diploma Program students
- ❖ externally assessed and, in combination with the grade for theory of knowledge, contributes up to three points to the total score 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
- ❖ chosen from the list of approved Diploma Program subjects, published in the *Handbook of Procedures*
- ❖ presented as a formal piece of scholarship containing no more than 4,000 words
- ❖ the result of approximately 40 hours of work by the student
- ❖ <http://blogs.henrico.k12.va.us/henricoib/extended-essay-resources/>

DP TIMELINE



Juniors

Registration for exams October – November with 11/15 deadline – up to 2 exams

Changes after 11/15 and then 1/15 have fines from IBO

EE Proposal due in April; loss of Diploma Candidate status

IA's completed by March in examining year

Exams in May

CAS must be up to date by June or loss of Diploma status

Seniors

EE draft due first Monday of school. Final due last Monday in October.

Registration for exams in October with 11/15 deadline

Changes after 11/15 and then 1/15 have fines from IBO

Orals in January and February; IA's completed by March

CAS completed by mid-May

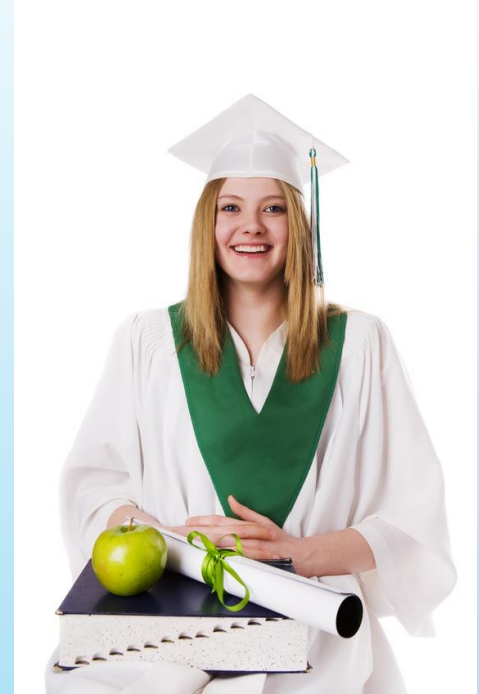
Exams in May

BENEFITS OF AN IB EDUCATION

Getting into College

- Acceptance
- Scholarships

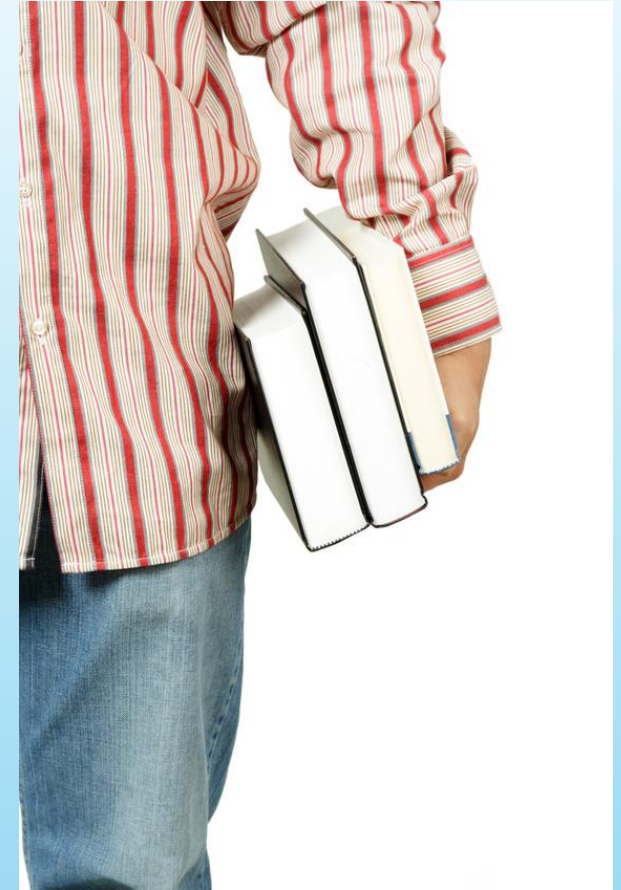
<http://blogs.henrico.k12.va.us/henricoib/where-our-students-go-to-college/>



BENEFITS OF AN IB EDUCATION

Preparation for College

- Breadth as well as depth
 - Learning over grades
- Independent learning skills
 - Critical thinking skills
 - Time management skills
- Integration of knowledge
 - Research skills
 - Writing Skills
 - Second Language
- Pattern of involvement



BENEFITS OF AN IB EDUCATION

Preparation for life

- Non-cognitive skills from *experiential learning*
 - Perseverance
 - Organization
 - How to ask questions to get results
 - Confidence to try new things
 - Working with others
 - Tolerance of new people and experiences
 - Ambition for self-improvement



SUPPORT FOR PARENTS AND STUDENTS

Teachers

- School Space
- PowerSchool
- ManageBac
- Google Calendar, Drive
 - Email
 - Tutoring

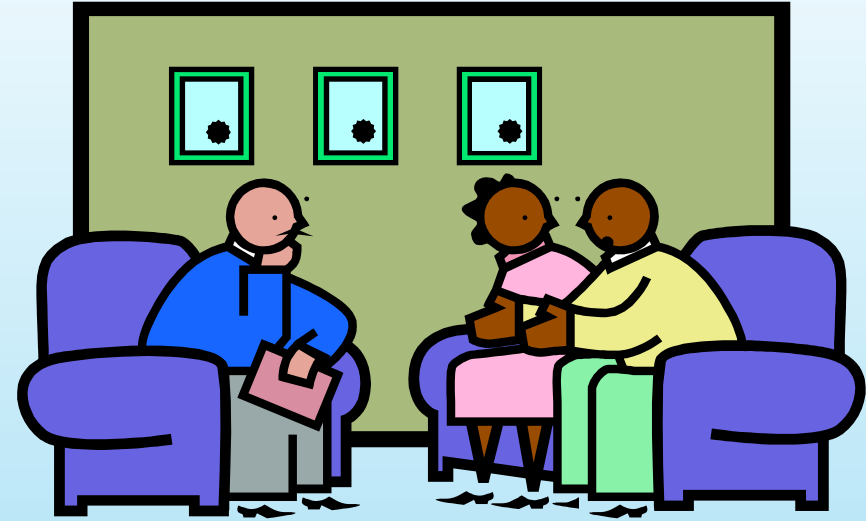


Online

- Blog
 - Posts vs. Pages
 - <http://blogs.henrico.k12.va.us/henricoib/>
 - School site
 - Sports
 - Library
 - Google Calendar
(<http://blogs.henrico.k12.va.us/henricoib/google-calendar-assignments-assessments-and-announcements/>)
 - SchoolSpace
 - PowerSchool
 - ManageBac
 - Turnitin.com

COUNSELING

- **Counseling – Ms. Terry**
- Learning and study skill advice
- Personal issues
- Coordination of parent/teacher conferences, 504 and IEP's
- Course selection
- College advice, application preparation, scholarship search



HOW YOU CAN HELP US

Grade 11: EE Kickoff in February

Grade 12: EE turnin “Silver Tray Ceremony” on 10/30

- “Last Hoorah” on 6/3

All grades

- CAS Volunteers
- IB Advisory Council (two per grade level)
- School volunteers
- Join the IB Boosters!
- Join the PTA
- Event assistance



YOUR QUESTIONS

