



# J.R. TUCKER HIGH SCHOOL

INTERNATIONAL BACCALAUREATE PROGRAM

Our choices define  
our destiny.



**John Randolph Tucker High School**  
**IB Program**

2910 North Parham Road, Henrico VA 23294

(804) 967-2320

Ellie Harper, IB Coordinator - [emharper@henrico.k12.va.us](mailto:emharper@henrico.k12.va.us)  
[tinyurl.com/ibtucker](http://tinyurl.com/ibtucker)

**J.R. TUCKER HIGH SCHOOL**

# **IB OPEN HOUSE**

Thursday, November 7, 2019  
7:00 PM  
Auditorium



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Henrico, VA 23294  
(804) 967-2320



**INTERNATIONAL BACCALAUREATE at J. R. TUCKER HIGH SCHOOL**  
**MIDDLE YEARS PROGRAM (IBMYP) Grades 9 – 10**  
**DIPLOMA PROGRAM (IBDP) Grades 11 – 12**  
**Four Year Course of Study 2020-2021**

Minimum Prerequisites: Grade 8	Grade 9 MYP Level 4	Grade 10 MYP Level 5	Grade 11 Diploma Level 1	Grade 12 Diploma Level 2
<p><u>Into Grade 9:</u>  <b>Algebra 1</b>  <b>Spanish 1 or French 1</b></p> <p>It is preferred—  World History &amp; Geography  Advanced English  Earth Science</p>	<p>MYP English 9  MYP Geometry or MYP Algebra II  MYP Biology  MYP World History &amp; Geography II  MYP French (II or III) or MYP Spanish (II or III)  MYP Art or MYP Drama  MYP Health &amp; PE **</p>	<p>MYP English 10  MYP Algebra II or MYP Extended Mathematics  MYP Chemistry  MYP US/VA Government  MYP French (III or IV) or MYP Spanish (III or IV)  MYP Art or MYP Drama  MYP Health &amp; PE **  Economics &amp; Personal Finance*</p>	<p>DP English 11  MYP Extended Mathematics or DP Mathematics:  Analysis &amp; Approaches (SL) *  or  DP Mathematics:  Applications &amp; Interpretation (SL)*  DP Biology or  DP Chemistry  DP History of the Americas  DP French IV / DP French V or  DP Spanish IV / DP Spanish V  DP Theory of Knowledge I</p>	<p>DP English 12 (HL)  DP Mathematics:  Analysis &amp; Approaches (SL)  or  DP Mathematics:  Applications &amp; Interpretation (SL)  DP Biology (SL or HL) or  DP Chemistry (SL or HL)  DP World History Topics (SL or HL)  DP French V (SL) or  DP Spanish V (SL) or  DP French VI (SL or HL) or  DP Spanish VI (SL or HL) or  DP Theory of Knowledge II</p>
	<p>** If not taken in Summer School</p>	<p>* Current course offerings for Econ and Personal Finance course include online or site-based during summer school before 9<sup>th</sup> or 10<sup>th</sup> grade, or online as an 8<sup>th</sup> class during the 9<sup>th</sup> or 10<sup>th</sup> grade school year.  ** If not taken in Summer School</p>	<p><u>IB Electives:</u>  DP Psychology (SL) *  DP Theatre Arts  DP Visual Arts</p> <p>*Juniors may take up to 2 exams as anticipated Diploma Candidates.  Mathematics: Analysis &amp; Approaches SL, Mathematics: Applications &amp; Interpretation SL, and Psychology SL students MUST take the exam.</p>	<p><u>IB Electives:</u>  DP Theatre Arts (SL or HL)  DP Visual Arts (HL)</p> <p>AP Electives if space and availability permit: Calculus, Physics, Statistics, Environmental Science (these are subject to change).</p>

- Prerequisite items in **bold** are minimum requirements and acceptance is dependent on them.
- IB's refreshed design of the MYP offers greater flexibility in course choice, with only six subjects, the personal project, and CAS required to be eligible for the HCPS IBMYP Certificate.
- To be eligible for an IB Diploma in Grade 12, students must complete at least three higher level (HL) programs and three standard level (SL) programs. HL courses are always a two-year program. SL courses may be one or two years. Higher and standard level programs are currently available in IB Diploma subjects as shown.
- Course availability is based on student enrollment, requests, and on the requirements outlined by the International Baccalaureate Organization.
- In addition to the International Baccalaureate required courses, students must also write and submit a 4,000-word independent research paper (Extended Essay) and meet goals and outcomes of creativity, activity, and service (CAS) in grades 11 and 12.
- J. R. Tucker High School Diploma Program also offers a Course Candidate status to students who decide that pursuing the IB Diploma does not meet their educational goals. They may still sit for exams and earn college credit for completion of courses and exams.



# J. R. Tucker High School

## Clubs, Groups, Sports and Activities

<b>CLUBS:</b>	<b>PERFORMING GROUPS:</b>	<b>FALL SPORTS:</b>
African Student Association	Band/Marching Band	Competition Cheer
Art Club	Chorus	Sideline Cheer
Baking Club	Concert Choir	Boys Cross Country
Book Club	Drill & Color Guard	Girls Cross Country
Chess Club	Dance Team "Tigerettes"	Football
Chinese Club	Men's Choir	Golf
Computer Science Club	Modern Dance Club	Boys Volleyball
DECA	Orchestra	Girls Volleyball
Debate Team	Pep Band	Field Hockey
Drama Club	Show Choir	
East Asia Cultural Club	Step Team	
Ecology Science Club	Strings	<b>WINTER SPORTS:</b>
Educators Rising		Boys Basketball
Ethics Council		Girls Basketball
Fashion Club	<b>SERVICE ORGANIZATIONS:</b>	Varsity Gymnastics
FCCLA	Circle of Friends	Boys Indoor Track
Fellowship of Christian Athletes	Interact	Girls Indoor Track
French Club	Key Club	Swim Team
Future Business Leaders Assoc	Keyettes	Wrestling
Gay Straight Alliance	Peer Helpers	
Henrico County Student Congress	SODA (Student Org Developing Attitudes)	
JROTC & Color Guard	Tucker Big Cats	<b>SPRING SPORTS:</b>
Model United Nations	Y Street Club	Baseball
Outdoor Adventure		Softball
Ritmo Latino Dance Club		Boys Soccer
Robotics	<b>HONOR SOCIETIES:</b>	Girls Soccer
SCA	Art National Honor Society	Boys Tennis
Science Olympiad	Beta Club	Girls Tennis
Scholastic Bowl	French National Honor Society	Boys Track & Field (outdoor)
Spanish Club	International Thespian Society	Girls Track & Field (outdoor)
Tech Club	Mu Alpha Theta (Math Honor Society)	
UNICEF Club	National Honor Society	
	Quill & Scroll	
	Science Honor Society	
	Spanish National Honor Society	
	Tri-M Music Honor Society	
	<b>PUBLICATIONS:</b>	
	Hearing (Literary Magazine)	
	GAVEL (Newspaper)	
	The Witness (Yearbook)	

# J.R. TUCKER TIGERS

## INTERNATIONAL BACCALAUREATE PROGRAMME

### What does IB mean to Tucker students?

IB means a place where I am able to learn thoughtfully. The lessons are more than just memorizing facts. They help the student learn about real world issues and cultures different than my own.

*JUDE DIEDERICH, CLASS OF 2020*

Being a part of the International Baccalaureate program since the sixth grade has allowed me to foster my inquisitive mind through a rigorous, yet enticing syllabus. As an IB student, I have had the privilege of exploring core subjects with attention to detail and the application of basic concepts to a wide spectrum of possibilities.

*ZAINAB RAHMAN, CLASS OF 2019*

IB helps me learn and grow in a program that targets a more deep, complete, and complex understanding of the world and things around us. It is a program that helps develop more sophisticated, culturally aware, balanced, inquirers who are ready and willing to learn.

*GLENN BOHLMAN, CLASS OF 2020*

For me, the IB program represents a wholesome education. In IB, I am exposed to many different subject areas, as opposed to being focused on one. I find this to be, in addition to my success in college and beyond, very beneficial for me, as a person. Not only does IB prepare me for any subject that I may choose in college, but it also prepares me to be a worldly person, aware of not just what I do, but what others do as well.

*ALP EKMEKCIOGLU, CLASS OF 2021*



IB students visit VCU for a STEM workshop.



Personal Project Showcase



IB Class of 2019

### How do JRT Teachers view IB?

IB offers a rigorous and inquiry-based curriculum that allows students to thrive in their post-high school experience. Not only do they discuss and think critically about global issues during their classes, but they leave capable of helping solve the issues of the future.

*KATHERINE SNOW  
MYP INDIVIDUALS & SOCIETIES*

IB exemplifies the good teaching practice that one hopes to find in any classroom. IB should be student-centered activities around a central, thought-provoking question. In an IB class, a student shouldn't have to "give the right answer." We should be united around a quest for truth.

*JULIA CUCCHERINI  
MYP LANGUAGE & LITERATURE*

I find that the IB program is the best possible program to help prepare students for higher learning and beyond. IB exposes students to interesting topics and subjects, and calls for in depth study when other programs give more of a survey style course. Once you have been through IB, you are not only the wiser, but prepared to tackle life's challenges with an open, adapting, and reflective mind!

*JESSE GAUTHIER  
DP INDIVIDUALS & SOCIETIES*

## ***How Do Universities View The IB Diploma Programme?***

The IB Diploma Programme is recognized, both nationally and internationally, as a program that excels in preparing students for the collegiate years and beyond. Below you will find a sampling of research and opinions on how the IB DP is viewed by some of the most prestigious universities in Michigan and in the nation.

### **What Admissions Directors are saying:**

#### **University of Michigan, Cliff Sjogren, former Director of Admissions**

"A transcript that reveals a student's enrollment in International Baccalaureate courses serves notice to the admissions officer that the applicant is someone who accepts rather than avoids educational challenges. Further, a successful IB student will enroll at Michigan with some advantages over students who have taken less intensive programs...Unquestionably, a school that graduates each year a number of students with IB diplomas has demonstrated its commitment to high educational standards and that commitment will serve to influence admissions decisions at the University of Michigan."

#### **University of Michigan , Joseph Gore, Admissions Counselor**

"We definitely take note of the IB Diploma in the admissions process at Michigan! Feel free to quote me on that!"

#### **Michigan State University, Pamela Horne, Assistant to the Provost for Enrollment and Director of Admissions,**

"My eyes light up when I see 'International Baccalaureate Diploma Programme' on a transcript. Students who apply to Michigan State University with IB credentials are assumed to be mature, curious, and creative. They have proven to be successful in a rigorous program that is both broad and deep in its content and intellectual challenge. On campus, IB graduates move with ease in a diverse and global university that demands intercultural skill and adaptability. The challenge of completing an IB diploma means that a student has engaged in the kind of rigorous work that is likely to help them become not just an outstanding college student and citizen of the world, but an exceptional one."

#### **Oakland University**

Oakland University values the International Baccalaureate Diploma Programme and its engaging and challenging curriculum that encourages critical thinking, intercultural understanding and respect.

#### **Harvard University, Marilyn McGrath Lewis, Asst. Dean of Admissions**

"Success in an IB program correlates well with success at Harvard. We are always pleased to see the credentials of the IB Diploma Program on the transcript." 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."

#### **Duke University, Christoph Guttentag, Director of Undergraduate Admissions**

"One of the advantages of an IB curriculum is its structure and quality. It is a coordinated program, well established, well known and well respected. We know the quality of IB courses, and we think the IB curriculum is terrific."

**Brown University, Panetha Ott, Admissions Officer**  
"I don't think there is anyone who does not respect the I.B."

**Virginia Tech, Dr. Eugene Carson**  
"... IB students who attended that university (Virginia Tech) as freshmen significantly outperformed all other freshmen, including students who had taken Advanced Placement courses."

### **Summary Charts for Universities and Colleges:**

Below you will find links to specific university recognition policies for the IB Diploma Programme. Please keep in mind that the IB attempts to keep these policies up to date as much as possible. The policies evolve quickly, and consistently more favorably to the DP, so it is best to contact each university of interest directly for the most current policies.

### **The policies of 727 colleges and universities:**

The link below provides summary charts for universities and colleges within a specific state as PDF documents. These are updated annually. Due to this time lag the actual policies are typically more favorable to the IB DP than the chart indicates.

<http://www.ibo.org/diploma/recognition/recognitionpolicy/index.cfm>

**A searchable database for specific universities published policies and contact information to seek further and more current information:**

<http://ibo.org/country/US/index.cfm>

**University of Michigan's published IB DP policy guidelines:**

<http://www.admissions.umich.edu/ib-guidelines>

**Michigan State University published IB DP policy guidelines:**

[http://admissions.msu.edu/documents/MSU\\_IB\\_Equivalencies.pdf](http://admissions.msu.edu/documents/MSU_IB_Equivalencies.pdf)

**Oakland University published IB DP policy guidelines:**

[https://www.oakland.edu/upload/docs/Future%20Students/IB\\_Flier.pdf](https://www.oakland.edu/upload/docs/Future%20Students/IB_Flier.pdf)

Note: OU admits IB Diploma holders into the university at second year status and gives entry to the honors college.

### **Important Note:**

As evidenced by the admissions directors quotes at the beginning of this document, even if no credit is given, there is always inherent value in taking IB courses and completing the required assessments. Universities are becoming increasingly aware of the knowledge and skills IB students bring with them to college classes. In addition, many students receive credit for SL (standard level) classes even though the published recognition policy was to recognize only HL (higher level) courses.

**College Admissions of IB Candidate applications compared to the General population of applicants:** Data provided by *US News and World Report*

Institution	Total Population Acceptance	IB Diploma Candidate Acceptance
Michigan State University	67%	77%
University of Michigan	49%	78%

# IB Program at J. R. Tucker High School

## The Class of 2019

### Colleges & Scholarships

The IB Class of 2019, with 50 graduates, were offered over **\$5.6 million** dollars in scholarships and grants. After evaluating all options and scholarships, the 2019 graduates decided to attend the following colleges:

College/University	# Students Attending
Berea College	1
Boston College	1
Christopher Newport University	1
Clemson University	1
Denison University	1
Duke University	1
Embry-Riddle Aeronautical University	1
George Mason University	1
James Madison University	3
Liberty University	1
LIM College New York City, NY	1
New York University	1
Ohio State University	1
Reynolds Community College	1
Savannah College of Art and Design	1
University of Richmond	2
University of South Carolina	2
University of Virginia	18
United States Merchant Marine Academy	1
Virginia Commonwealth University	6
Virginia Tech	3
William & Mary	1
Total:	50





# IB Program at J. R. Tucker High School

## Colleges and Universities



IB students have historically been very successful in college and university acceptances. Beginning with J. R. Tucker's first IB graduates in 2014, students have been accepted at the following:

College/University			
Adelphia University	Georgetown University	Purdue University	University of Florida
Alabama A & M University	Georgia Inst. Of Technology	Quinnipiac University	University of Kentucky
American Musical & Dramatic Arts	Georgia Tech	Radford University	University of Lynchburg
American University	Gettysburg College	Randolph College	University of MD, College Park
Appalachian State University	Hampden-Sydney College	Randolph-Macon College	University of Mary Washington
Bentley University	Hampton University	Reed College	University of Massachusetts (Amherst)
Berea College	Harvard University	Regent University	University of Miami
Berklee College of Music	Hawaii Pacific University	Renneslaer Polytech Inst.	University of Michigan
Boston University	Hobart & William Smith College	Reynolds Community College	University of Minnesota
Bowling Green University	Hollins University	Richmond, The Intl Univ in London	University of Missouri (KC)
Bridgewater College	Howard University	Roanoke College	University of NC (Chapel Hill)
Brown University	Illinois College	Robert Morris University	University of NC (Charlotte)
Bryn Mawr College	Indiana University	Rosemont College	University of NC (Greensboro)
CA Northstate University	James Madison University	Rutger's University	University of Oklahoma
Case Western Reserve Univ	Johns Hopkins University	St. John's University	University of Pennsylvania
Christopher Newport Univ	Johnson C. Smith University	St. Joseph's College (Maine)	University of Pittsburgh
Colgate University	Johnson & Wales Univ-RI	St. Lawrence University	University of Plymouth
Clemson University	Lake Erie College of Osteopathic Med	St. Louis University	University of Richmond
College of Charleston, SC	Lawrence University	Savannah College of Art & Design	University of Rochester
College of William & Mary	Lehigh University	Seton Hall University	University of South Carolina
College of Wooster	Liberty University	Shenandoah University	University of Southern California
Columbia College Chicago	LIM College	Shepherd University	University of St Andrews (Scotland)
Columbia University	Lipscomb University	Spelman College	University of Tampa
Concord University	Loyola University (MD)	Stanford University	University of Tennessee
Cornell University	Long Island University	State University at NY (Albany)	University of Toledo
Creighton University	Longwood University	Stony Brook Univ (NY)	University of Virginia
Dartmouth College	Marquette University	Temple University	University of Washington (Bothell)
Dean College	Mary Baldwin College	Texas A&M University	University of the Sciences (PA)
Denison University	Marymount University	The King's College	Vanderbilt University
Denver University	MA College of Pharmacy	United States Merchant Marine Academy	Villanova University
Drexel University	Meredith College	The New School (NY)	Virginia Commonwealth University
Duke University	Mount Saint Mary's	University of Alabama	Virginia Military Institute
Duquesne University	New York Film Academy	University of Arizona (Tucson)	Virginia State University
Elon University	New York Institute of Technology	University of Arkansas (Pine Bluff)	Virginia Tech
Embry Riddle Aeronautical Univ.	New York University	University of Auburn	Virginia Union University
Emerson College	North Carolina A&T State Univ	University of CA (Irvine)	Virginia Wesleyan College
Emory University	North Carolina State University	University of CA (Los Angeles)	Wake Forest University
Eugene Lang College	North Michigan University	University of CA (San Diego)	Washington & Jefferson College
Ferrum College	Northeastern University	University of CA (Santa Barbara)	Washington & Lee University
Florida State University	Nova Southeastern University	University of Colorado (Boulder)	Washington College
Fordham University	Ohio State University	University of Connecticut	West Virginia University
Furman University	Old Dominion University	University of Delaware	Yale University
Gannon College	Penn State University	University of Denver	
George Mason University	Pepperdine University	University of Durham	
George Washington University	Philadelphia University	University of Edinburgh	

# Winter 2018 Newsletter

*IB at JRT*

## Winter Is Coming

It's been chilly outside but inside the classroom things are heating up. The IB seniors have been busy with college essays and applications and are patiently awaiting news. Our DP juniors have traveled to the VCU library for extended essay research and conducted an interdisciplinary science experiment at Belle Isle. The sophomores turned in their Personal Projects, the culminating project of the MYP, and celebrated with cupcakes. The newest IB Tigers, Class of 2022, have gotten off to a great start. They have been busy joining clubs, trying out for sports, brainstorming CAS experiences, performing in band, orchestra and chorus and rehearsing for the winter musical.



Group IV Project at  
Belle Isle



Class of 2019



Homecoming  
2018

## IB Open House

Thank you to the students who volunteered to help at the IB Open House in November. This was a chance for interested 8th graders to visit our school and hear more about the program directly from IB students and teachers. It was a great success!





## IB Adopts an Angel

Thanks to the generous donations of our IB families, we provided clothes and gifts to two local children in need. The response was so overwhelming that there was enough left over to purchase additional toys for other children in the area. Thank you to our caring community for helping to make the holiday season brighter!!

## IB Buddies

The IB juniors were looking for a way to meet the freshmen and welcome them to Tucker, so in October the two groups got together to play board games and enjoy some snacks. It was a nice way to unwind and get to know one another. The next IB Buddies meet up will be in January.



## Upcoming Events



### Exam Study Session, December 6

Come to Cafe 1 from 4-5:30 for some snacks and study time. Open to all IB students in grades 9-12. Midterm exams begin Tuesday, December 11. You can see the schedule [here](#).

### IB Breakfast, December 7

Get your morning started off right by swinging by the IB breakfast on Friday, December 7 in Cafe 1. [Sign up to bring a dish](#). Thank you to all of our families who provided a breakfast item last month and to our wonderful parent volunteers!



### IB Juniors to VCU Library, December 17

Monday, December 17 the juniors will travel to the VCU Library to continue their extended essay research. Proposals have been submitted, and the next step is to add to their list of resources and polish the research question.

### Ethics & Integrity Guest Speaker, December 18

During the first two blocks on Tuesday, December 18, all IB students will have the opportunity to hear

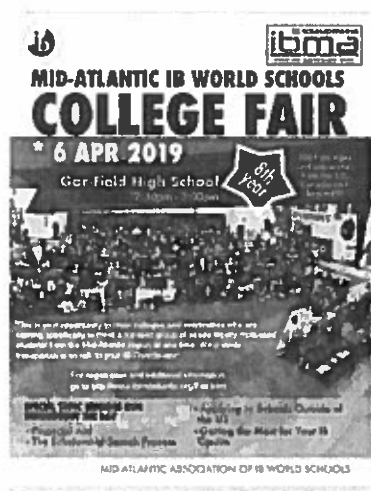


## Cookie Decorating, December 19

During AE on 12/19 all IBers are invited to decorate holiday cookies. There will be sugar cookies and all the fixins', all you need is to bring a pair of NEW socks that will be donated to a local homeless ministry.

## MYP & DP Awards Ceremony, January 8

All IB students will come together on Tuesday, January 8 to recognize the MYP achievements of the Class of 2020 and the DP achievements of the Class of 2018.



## IBMA College Fair

Don't forget to keep your schedule open for the 8th annual IB Mid-Atlantic College Fair. It will be held once again at Garfield High in Woodbridge, VA. **April 6, 2019 12:30-3pm.** Registration and a list of participating colleges and universities will be shared later in the year.



## About us

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