



Orientation to Course Selection

Thomas A. Edison High School
An IB World School



A bald eagle is shown in flight, its wings spread wide, against a bright blue sky with soft, white clouds. The eagle is positioned diagonally across the frame, from the bottom left towards the top right. The text is overlaid on this background.

Welcome

Pamela Ellison Brumfield
Principal

“The three great essentials to achieve anything worthwhile are: Hard work, Stick-to-itiveness, and Common sense.”

- Thomas A. Edison

Mr. Boyd
Assistant Principal
SUB SCHOOL-2



Student Management

A- Dunkelberger

Class Administrator

Senior

Departments

Social Studies

World Languages

Technology

Ms. Williams
Assistant Principal
SUB SCHOOL-2



Student Management

Duong-Leon - Rodriguez

Class Administrator

Junior

Departments

Science

Literacy

AVID

IB and MYP

Mr. Nocera
Assistant Principal
SUB SCHOOL-1



Student Management
Leule-Repalda
Class Administrator

Freshmen

Departments

Math
English

Mr. Cohen

Assistant Principal

SUB SCHOOL-1



Student Management

**Reyes – Z + Students with
Intellectual Disabilities**

Class Administrator

Sophomores

Departments

Special Education

Ms. Ketchledge

Assistant Principal

Academy



Student Management Academy

Class Administrator
Freshman

Departments
CTE (Business/Marketing/JROTC)
Edison Academy
Global STEM
Fine and Performing Arts

Ms. Dolan

Dean of Students



Student Management

Attendance



Mr. Dombrowski

Student Activities



Departments

Student Activities
Health & Physical
Education
Driver Education

Ms. Guillen

Student Services



Departments

Student Services

ESOL



Special Programs

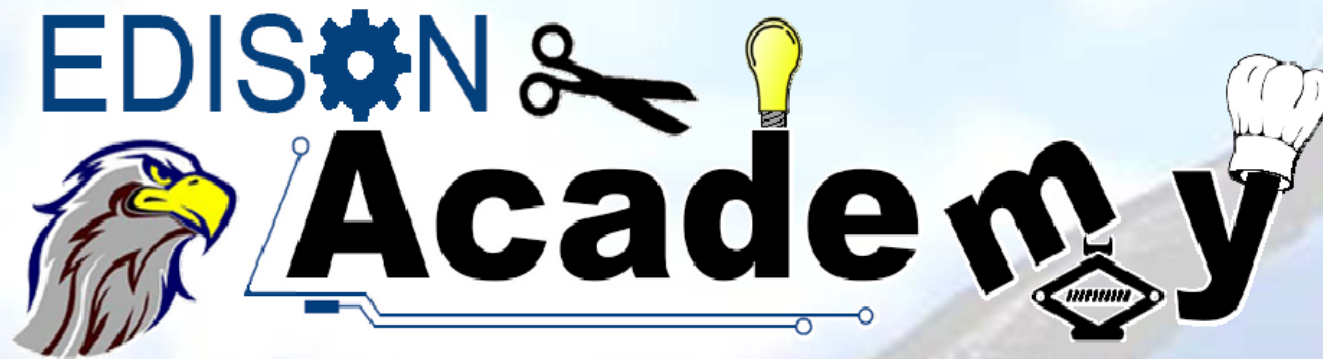
- Edison Writing Center
- Edison Academy
- Global STEM Challenges Program



Edison Writing Center



- Edison Writing Center
 - Student tutors have been trained to offer one-on-one tutorial sessions on writing assignments for any academic class at Edison, outside writing requirements for the IB diploma, resumes, college application essays, and any other writing project a student asks for help with.
 - The Writing Center is open during lunches, and after school on late bus days.
 - Students sign up in advance for tutor appointments.



- Offers hands-on specialized courses
- Students can earn national certifications in their career related studies and develop their workplace readiness skills
- Many programs offer Dual Enrollment credit through NOVA
- Students gain career experiences with local and regional businesses

Business Information and Technology

- Cyber: Computer Systems (A+)
- Cyber: Network Administration
- Cyber: Oracle
- Cyber: Security+ Capstone



Trade and Industrial

- Automotive Collision Service
- Automotive Technology
- Cosmetology
- Criminal Justice
- Electrical Construction and Engineering
- Heating Ventilation and Air Conditioning & Refrigeration



Family and Consumer Sciences

- Culinary Arts
- Teachers for Tomorrow



Health and Medical Sciences

- Veterinary Science



Global STEM Challenges Program

Students in the Global STEM Challenges Program participate in a three-year cohort of integrated courses focusing on project-based instruction to solve real world problems



Program Overview

- Interdisciplinary curriculum that links to the Grand Challenges of Engineering and:
 - Meets the Virginia Standards of Learning
 - Integrates honors/IB level mathematics, science, and engineering courses
 - Provides authentic Project/Problem Based Learning opportunities for all students
 - Links to college and career readiness, global dimension, research, entrepreneurship, and service learning
 - Offers industry certification for all students
 - Integrates computer science throughout the program

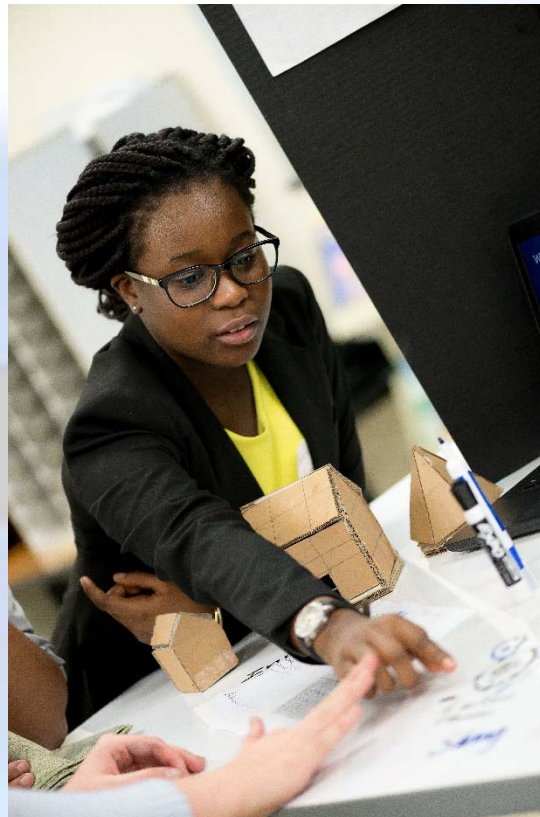


Students in the Global STEM Challenges Program

Want to be challenged with honors and IB level coursework through active, flexible learning strategies.

Are willing to ask questions to develop knowledge and understanding.

Want to work on projects that can help make the world a better place.



Enjoy participating in small group, hands-on, project-based instruction.

Completed Algebra I in 8th grade and are committed to remain in the program for three years.

Are capable of using unstructured time wisely and have strong organization and time management skills.

Department of Student Services

Director of Student Services: Ms. Guillen

School Counselors:

Students are divided by their last names

A-Bon

Mr. Schlemmer

Boo-El

Ms. Smith

Em-Her

Ms. Terpstra

Hes-Lor

Ms. Tiernan

Los-Neg

Ms. Clarke

Neh-Ril

Mr. Zubieta

Rim-Sor

Ms. McCree

Sos-Z

Ms. Dely

Standard Diploma

Standard Credit

4 English

4 History

3 Science

3 Math

2 HPE (First Aid/CPR/AED Training)

2 Fine Arts, World Lang., CTE

1 Economics & Personal Finance

3 Career & Tech. Ed.

1 AP, IB, Honors Course or CTE Credential

1 Virtual Course

Total = 22

Verified Credit

2 English

1 History

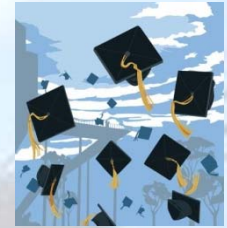
1 Science

1 Math

Total = 5



Advanced Diploma



Standard Credit

4 English

4 History

4 Science

4 Math

2 HPE (First Aid/CPR/AED Training)

3 World Language

1 Economics & Personal Finance

1 Fine Arts or Career & Tech. Ed.

3 Electives (2 Sequential)

1 AP, IB, or Honors Course, or CTE Credential

1 Virtual Course

Total = 26

Verified Credit

2 English

1 History

1 Science

1 Math

Total = 5

Should my student take Honors courses?

➤ Does your student:

- Enjoy More Independent and Self-Paced Instruction?
- Feel Comfortable with their SOL Test-Taking Skills?
- Prefer More Reading and Writing Activities Combined with Hands-on projects?
- Feel Comfortable with Completing Reading and Writing Assignments Independently?
- Have Already Determined that High School Goals will Include Attainment of IB Certificates or Possibly a Full IB Diploma?

A bald eagle is shown in profile, soaring with its wings fully extended towards the right. The eagle's feathers are dark, and its head is white with a sharp yellow beak. The background is a vibrant sky at sunset or sunrise, with clouds in shades of orange, red, and purple. The title 'Soaring towards English 9' is written in a large, blue, outlined font in the upper right corner.

Soaring towards English 9

- Each 9th grader has the option of English 9 or English 9 Honors.
- The two courses read *Night*, *Romeo and Juliet*, *The Odyssey* and short stories, but the educational approach is different.

A bald eagle is shown in profile, flying from left to right. Its wings are fully extended, showing the dark feathers on the upper side and the lighter feathers on the underside. The eagle's head is white, and its beak is yellow. The background is a dramatic sky with orange, yellow, and purple clouds, suggesting a sunset or sunrise.

The Classes

- English 9: 20-30 min. per night of note review, guided reading, vocab practice, short writing assignments, or occasional projects.
- English 9 HN: 30-45 min. per night of independent reading, longer process writing, and projects

English 9 is more guided, while English 9 Honors requires more independence & autonomy.

Social Studies- 9th Grade Options

- **Option 1- World I. Studies Pre-History through 1500, the Renaissance. The end of this course has a World I SOL.**
- **Option 2- Honors World. Studies 1500 through modern day. The end of this course has a World II SOL.**



Social Studies- Differences between honors and regular

- **Regular World I studies different years than Honors World. More project based, more focus on SOL preparation.**
- **Honors World has more Document Based Questions, essay writing, preparing for the IB track. Generally speaking more homework than regular World. More independent reading.**



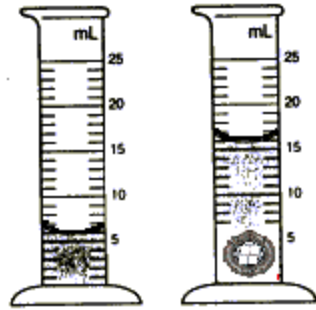
Biology

- All students sign up for Standard Biology
- During the first quarter students see both standard and honors assessments
- At the end of the first quarter students may choose to pursue the honors biology credit
- All biology courses will be a mix of standard and honors students
- Honors entails more depth, not more work and there is a science project requirement

Examples of Standard and Honors Biology Assessments

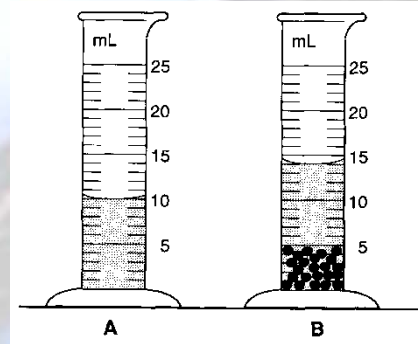
15. What is the VOLUME of the button in the diagram?

- A. 6 mL
- B. 10 mL
- C. 10 °C
- D. 16 mL



Standard Biology – choose the correct answer

15. A graduated cylinder containing water is shown in diagram A below. Pea seeds were dropped into the cylinder and the results are shown in diagram B. What is the volume of the seeds?



Honors Biology – supply the correct answer

In a short answer format:

Standard Biology students are provided a passage about an experiment ahead of time and asked questions related to the passage.

Honors Biology students receive the same passage ahead of time but are given additional information about a second experiment and asked to compare/contrast the two experiments.

Mathematics

9th Graders Entering Algebra 1

Algebra 1

Year long, every other day
Algebra 1 class

After 1st Quarter, students
have the option for
Honors Algebra 1 Credit

Double Block
Algebra 1

Twice as much classroom
time to master Algebra 1

Same pace as
Algebra 1

Mathematics

9th Graders Entering Geometry

STEM

Geometry

Year long
every other day
Geometry

Double Block
Geometry

Twice as much
classroom time
to master
Geometry

Same pace as
Geometry

Honors
Geometry

More depth
and rigor than
standard
Geometry

World Languages

Edison High School



Language Offerings and Diploma Types:

*Chinese

*French

*Latin

*Spanish

-Courses can be taken as electives with any type of diploma, but are required for the Advanced and IB Diplomas

Programs:

Language A:

-Spanish

(Spanish for Fluent Speakers)

- Biliteracy Seal
- Credit Exam

Language B:

-Chinese

-French

-Latin

-Spanish



Planning your Academic Program

- Consider goals and needs when selecting electives.
- Consider Interests.
- Connect Course of Study to Career and Academic Goals
 - International Studies
 - Engineering and Scientific Technology
 - Health and Human Services
 - Communication Arts
- Choose Your Elective Courses Wisely – limited opportunity to make changes.



Planning your Academic Program - Electives

9th graders may choose from the following electives

Accounting
Advanced Band*
Advanced Mixed Chorus*
Advanced Orchestra*
Advanced Women's Chorus*
AJROTC 1
AVID**
Basso Chorus
Beginning Band
Beginning Orchestra
Brass Ensemble
Broadcast Journalism (Morning News)
Business Law/Business Mgmt.
Creative Writing
Cyber: Computer Systems Tech.

Debate
Econ./Personal Finance
Education for Employment
Film Study
Forensics
Global STEM Challenges Program
Guitar
Information Systems
Intermediate Orchestra
Intermediate Mixed Chorus
Introduction to Marketing Journalism
Literacy Essentials
Literacy Lab 1
Music Sampler

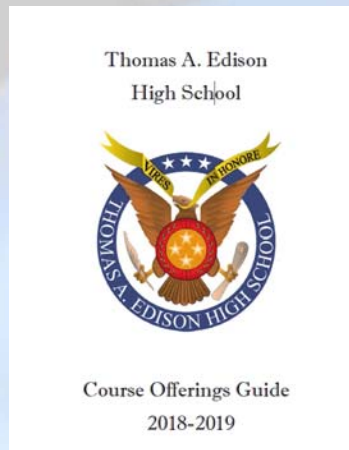
Music Theory
Percussion Ensemble
PhotoJournalism (Yearbook)
Piano Lab 1
Programming
Speech Communication
STEM Design
Strategies for Success
Studio Art 1
Theatre Arts 1
Technical Theatre 1
Treble chorus
Webpage Development
Wind Ensemble

*Requires audition

**Requires application

Course Selection Process

- Twain students will receive a copy of the Course Offerings Guide March 5; Holmes students received theirs February 23. It is also available on Edison's website: <http://www.fcps.edu/EdisonHS>
- Edison counselors will be at Twain March 8-9 to assist their students in selecting their courses. Holmes students are meeting with counselors this week to complete their course selections.
- Parents will receive a copy of the registration form.
- Parents will receive a list of the courses that their student is registered for in mid-March.
- There will be an opportunity to make any necessary corrections at this time.

The image is a screenshot of a web page titled "Edison HS" and "2018-2019 COURSE OFFERINGS GUIDE". It contains a large table with multiple columns and rows of text, likely listing courses, credits, and other details. The text is small and difficult to read, but the layout appears to be a standard course catalog format.

Course Selection Process – Private Schools/Transfer students

- Edison will begin registering students new to FCPS/Edison beginning in March.
- Please call Krystal Brooks, Registrar 703-924-8022 to make a registration appointment.
 - Transfer students – please wait until you receive confirmation that the transfer has been approved prior to making appointment.
- Students and Parents will meet with the counselor to select courses for next year.



EHS schedule

- Students take 7 classes on a rotating schedule.
- Blue Days – students attend Advisory and have an opportunity to receive additional assistance in their classes during Eagle Time.

Red Day

1st Period

3rd Period

5th Period (Lunch will be part of this class period)

7th Period

Blue Day

2nd Period

4th Period Eagle Time –
Advisory and
Remediation/Enrichment

6th Period (Lunch will be part of this class period)

8th Period

Upcoming Dates

- February 27- March 2 – Course Selection at Holmes
- March 8-9 – Course Selection at Twain.
- March 15 – course selections mailed home.
- May 24 – Sports Physicals for 2018-2019
- July 30 – Fall Sports begin

FCPS		Edison High School		Year: 2015-2016	
		Student Course Request Profile		Report: STU205	
General Information					
Student Name: Smith, John		Student ID: 1234567	Gen: M	Grade: 09	Birth Date: xx/xx/xxxx
Periods to Schedule: to					
Course Requests					
Course					
AutoCollision Svc1 (867626)					
Concepts Science 2 (462261)					
ESOL 2 Beg Content (571015)					
ESOL 2 Beg Lit (571016)					
ESOL 2 Beginning (571014)					
Individ Math (312190)					
World Concepts 2 (299661)					

Thank you!

- Please join us in the Cafeteria for our Curriculum Fair. Counselors, Administrators, as well as Teachers from each department are available to discuss their course offerings and answer your questions.
- At the conclusion of this evening's event, please use the link/QR code on the back of the program to fill out a survey.





**EAGLE
PRIDE!**