

Program Requirements

Acceptance into the Center for Math and Science (CMS) is by application which includes a review of

- a writing sample
- 7th grade FCAT scores
- a middle school GPA of 3.0 or higher

Once in the program, CMS students are required to obtain the following credits:

- 4 credits in English
- 4-6 credits in Sciences*
- 4-6 credits in Math*
- 3 credits in Social Studies
- 2 credits in Foreign Language
- 1 credit in Research and Analysis
- 1 credit in Fine Arts
- 1 credit in PE/Health

Additionally, students will successfully complete a Science/Inventor's Fair project, submit an original research paper in the area of Math or Science for publication in a professional journal, and participate in an academic presentation annually.

During their senior year, students will complete an exit portfolio review and a senior seminar exhibition as part of the Center's annual open house showcase.

* Students are required to take additional AP Math and Science courses during their junior and senior years.

The mission of the Dunbar High School Center for Math and Science is to challenge ambitious students using a rigorous math and science program focused on original research and real-world problem solving.

If you want to examine and solve real problems - in our classrooms and out in the community - with dedicated teachers and other motivated students like yourself, then the Center for Math and Science is the place for you.

To find out more about this exciting opportunity, please call or visit the school.

**Dunbar High School
Center for Math and Science
3800 E. Edison Avenue
Fort Myers, FL 33916
239-461-5322**

or visit us on the web at:

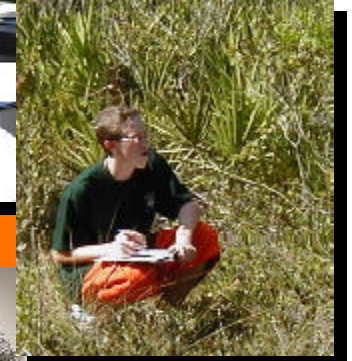
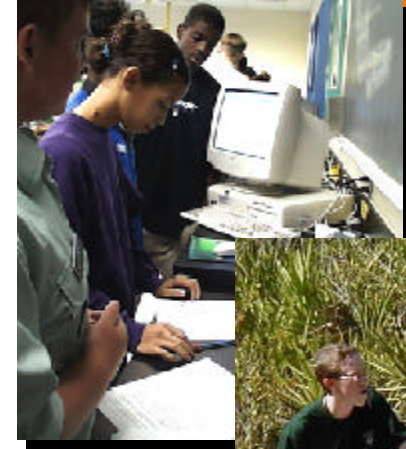
www.lee.k12.fl.us/dhs/cms.htm

DUNBAR HIGH SCHOOL

CENTER

for

MATH & SCIENCE



*Preparing students
for exemplary
Math and Science programs
at prominent universities*

Do you like to invent or design things?

Would you like to explore SW Florida wetlands?

Do you enjoy solving problems?

Is math or science one of your favorite subjects?

Do your future plans include a career in the fields of math or science?

Would you like to “make a difference” - in your community and the world?

If you answered **yes** to any of these questions, then the Center for Math and Science is designed with you in mind. The CMS has been established with the following beliefs:

- ...21st century citizens must be mathematically and scientifically literate.
- ...students learn best when they can choose areas of interest to study.
- ...working in the community builds in students a sense of responsibility and commitment.
- ...solving real problems helps develop excellent math, science and communication skills.



Expected Course Sequence

Ninth

- English I Honors
- East West Heritage
- Biology Honors
- Algebra I Honors or higher*
- Business Systems Technology I
- Foreign language I
- elective

Tenth

- English II Honors
- World History Honors
- Chemistry Honors
- Geometry Honors or higher*
- Foreign Language II
- PE/Health
- elective

Eleventh

- English III Honors or AP English
- AP Environmental Science
- AP Chemistry
- Pre-Calculus / Trigonometry or higher*
- Research and Analysis (Writing Lab)
- American History Honors
- elective

Twelfth

- English IV Honors or AP English
- AP Biology
- AP Physics
- Government Honors / Economics Honors
- AP Calculus or higher*
- elective
- elective

Elective options include:

PE, JROTC, yearbook, art, vocal and instrumental music, drama, debate, drivers education, etc.

* May include, in addition to those listed above, Calculus II, AP Statistics, Honors Statistics, etc.



A True College Prep Program

Staff of the Center for Math and Science have carefully reviewed entrance requirements from such prestigious universities as Stanford, MIT, Emory, University of Florida and Georgia Tech. The course offerings and instructional design of the CMS reflect this review. Students who successfully complete this program will earn a diploma of distinction and will be well prepared to enter and excel in any of these university programs.

The CMS is a “school-within-a-school” housed on the campus of Dunbar High Magnet School. Located centrally in Lee County with transportation from anywhere in the county, the school completed a \$20 million construction and renovation project in fall of 2002.

Students from Lee County’s South zone may select Dunbar High School as their zone choice. Students living in the East or West zones should apply for a magnet school seat.

Your CMS application, along with a high school choice selection must be submitted at the district’s school choice office. For more information about the School Choice process, contact School Choice directly at 337-8247. For information about the Center for Math and Science, please call Dunbar High School at 461-5322.