

ADMISSIONS CRITERIA

Students with mathematical/scientific ability and proven academic performance are logical candidates.

TARGET GROUP 1:

Students who meet ALL of the following criteria:

- Pre-requisite course: Algebra I Honors (or Algebra I credit through the Credit Acceleration Program)
- Test scores: one of the following or a combination of qualifying reading and math scores

- ✓ 6th grade FCAT 2.0 Reading score \geq 235 **OR** Reading Stanine of 7 or higher (or equivalent) on a nationally-normed standardized assessment taken within the last two years

AND

- ✓ Mathematics Stanine of 7 or higher (or equivalent) on a nationally-normed standardized assessment taken within the last two years **OR** 7th grade Algebra I EOC Level 3 or above

- 6th and 7th grade Final Academic Grades (math, science, social studies, English, world language) \geq B
- 8th grade Semester Average Academic Grades (math, science, social studies, English, world language) \geq B

All acceptances are contingent upon successful completion of 8th grade with the final 8th grade report card reflecting entrance requirements of the program.

TARGET GROUP 2:

If a student does not meet all of the above criteria, the Admission Screening Committee will determine if the applicant:

- Has the potential and should be placed in Target Group 2 or
- Appears to have the potential for the program and needs an individual interview for further screening for Target Group 2, or
- Appears to lack potential for the program and therefore will not receive further screening.

Should there be a greater number of qualified applicants than available positions in Target Groups 1 and 2; applicants will be selected randomly by computer from each target group of eligible candidates.

POINTS OF PRIDE

- CAT recognized as 16th best in the U.S. by *Newsweek* in its Top 100 high schools list
- Morning news show, *Fastforward*, judged best high school news show in the nation.
- Students in the CAT program are in one of the three best-represented programs in the county for National Merit finalists, Commended Scholars, Achievement Scholars.
- Universal Studios High School Video Competitions – Twenty Emmy Awards, 2003-2008, First-place awards of more than \$25,000, Second-place award, \$2,500
- Leads all Pinellas schools with Industry Certifications
- Platinum winner (overall 1st place) in the 2014 Intranet Global Innovation Awards
- One to one tablet initiative
- Oculus Project
- 4 year Engineering/Robotics honors program
- Top 5 STEM programs in country
- Finalists in international science and technology competition
- Active participatory member of the National Consortium for Specialized Secondary Schools of Math, Science and Technology

HOW TO APPLY

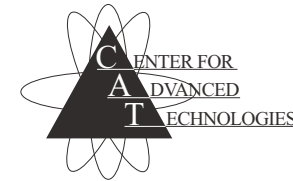
Students living anywhere in the county can apply to this school during the designated application period. Please check the district website at www.pcsb.org for more information. There are entrance criteria to apply for this magnet school.

TRANSPORTATION

Arterial bus transportation (buses that operate on main roads with a limited number of stops) is provided to students who live more than two miles from the school. Magnet bus stop locations may require that parents drive their children to and from the stop.



Center for Advanced Technologies



OUR MISSION

To provide quality application-based learning opportunities in a state-of-the-art supportive environment integrating mathematics, science and technology through student research.

Lakewood High School

Center for Advanced Technologies

1400 54th Avenue S., St Petersburg, FL 33705

www.cat.pinellas.k12.fl.us

(727) 893-2926



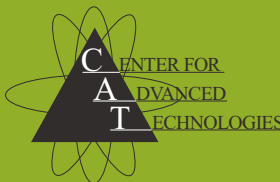
Vision: 100% Student Success

Mission: "Educate and prepare each student for college, career and life."

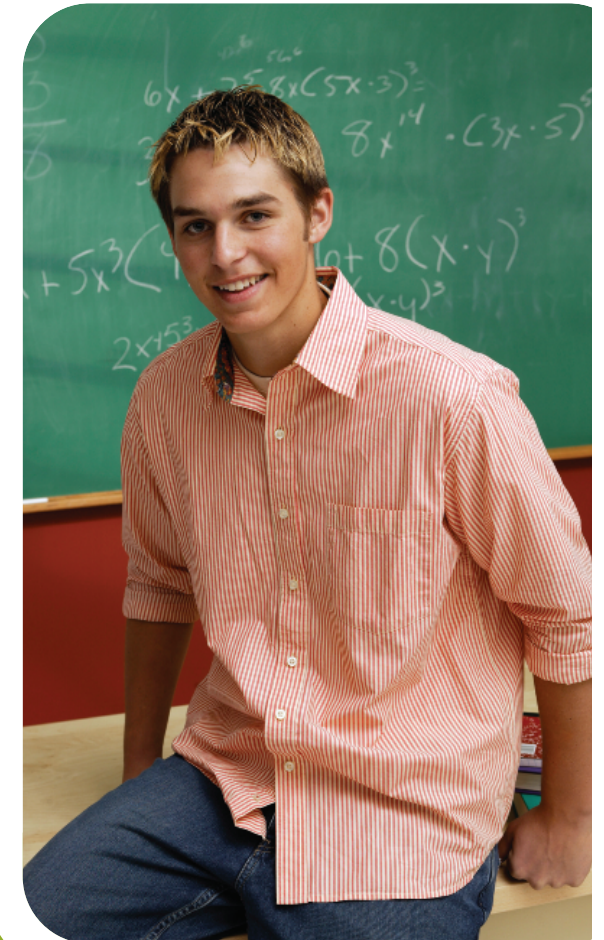
The School Board of Pinellas County, Florida, prohibits any and all forms of discrimination and harassment based on race, color, sex, religion, national origin, marital status, age, sexual orientation or disability in any of its programs, services or activities.

www.pcsb.org

Brochure information is subject to change.



LAKEWOOD HIGH SCHOOL



look · explore · discover

ABOUT US

Lakewood High School opened in 1966 and was named for the residential neighborhood in which it is located. The school has grown since it opened adding several new wings and the state-of-the-art technology building that houses the nationally recognized magnet program, the Center for Advanced Technologies. The school holds its relationship with its community in high esteem. A variety of academic choices are offered, including the Academy for Marine Science and Environmental Technology and the Journey in Journalism programs. The curriculum meets the needs of those students seeking business, environmental technologies, cultural studies, athletic-related profession and rigorous college preparatory programs.

areas of study

MATHEMATICS, SCIENCE, COMPUTER EDUCATION, MULTIMEDIA APPLICATIONS, RESEARCH

The Center for Advanced Technologies (CAT) offers a rigorous four-year academic program emphasizing:

- Advanced mathematics
- Advanced science
- Computer applications/programming
- Multimedia/television production
- Scientific research

Students who graduate from the CAT program are prepared for careers in: engineering, architecture, medicine, multimedia technology/production, scientific research, computer programming, computer graphic design/production, television production.

The program provides real-world experiences through partnerships, mentorships and apprentice opportunities

what is a magnet?

Magnet programs focus on a certain theme with specialized curriculum in areas such as arts, communication, science and technology, and gifted studies. Some programs have eligibility requirements. Students living anywhere in the county may apply.

with community businesses. Students are required to complete an in-depth research project.

The program also provides hands-on, student-centered laboratory experiences in mathematics, science, research, computing and multimedia.

ACTIVITIES AND CLUBS

While enrolled in this magnet program, students have the opportunity to participate in the following activities and clubs:

- Academic team
- All sports teams: baseball (boys) basketball, cheerleading, cross country, flag football (girls), football, golf, soccer, softball (girls), swimming, tennis, track, volleyball (girls) and wrestling
- CATCom multimedia organization
- Debate team
- Drama Club-Thespians
- French Club
- French Honor Society
- Future Business Leaders of America
- Mu Alpha Theta
- National Honor Society
- Newspaper
- Principal's Multicultural Advisory Committee
- Robotics Club
- Spanish Club
- Spanish Honor Society
- Student Government
- Technology Honor Society
- Yearbook
- Youth Crime Watch
- Key Club



lakewood high school

HIGHLIGHTS

- State-of-the-art equipment
- Strong emphasis on research
- Participation in local, state, regional and international science fairs and competitions
- Hands-on application of curriculum
- Cross-curriculum integration of topics
- Participation with local multimedia organization
- Academic coaching
- Alumni Network
- A 4,000 sq. ft. Applied Research Laboratory
- The CAT Multimedia Laboratory with sophisticated computer graphics work stations and a fully equipped TV studio