

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 > 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 & 7th grade Final Academic Grades (math, science, social studies, English, world language) > B
- 8th grade Semester Average Academic Grades (math, science, social studies, English, world language) > 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 (Course pre-requisite must be met):

Students who do not meet the above testing or academic grades criteria may be placed in this group based on a common rubric that is used to calculate the percentage of criteria the student has demonstrated. At least 10% of the incoming 9th grade class will be selected from Target Group 2.

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



HOW TO APPLY

The ISTEM Program at Countryside High is part of the north county application area. Only students zoned for Dunedin High, Palm Harbor University High, Tarpon Springs High, East Lake High and Countryside High may apply for this program during the designated application period.

TRANSPORTATION

Arterial bus transportation (buses that operate on main roads with a limited number of stops) is provided within the North Application Area, which consists of the attendance zones for Countryside, Dunedin, East Lake, Palm Harbor, and Tarpon Springs High Schools. Magnet bus stop locations may require that parents drive their children to and from the stop.



OUR MISSION

The mission of the ISTEM program at Countryside High School is to offer an accelerated curriculum that develops skills in science, technology, engineering and mathematics that will provide students the opportunity for success in college, careers, and life.

OUR VISION

The vision of Countryside High School is that teachers will provide the opportunity for all students to be successful learners and to become active participants in our society by creating a safe learning environment and building positive relationships.

COUNTRYSIDE HIGH SCHOOL

Institute for Science, Technology, Engineering & Mathematics (ISTEM)

3000 State Road 580, Clearwater, FL 33761-3344
www.countryside-hs.pinellas.k12.fl.us
 Phone: (727) 725-7956

Kristen Clausen, Assistant Principal & ISTEM Coordinator,
clausenk@pcsb.org



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.

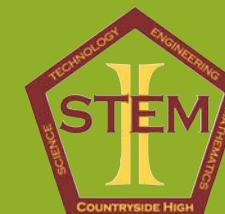
www.pcsb.org

Brochure information is subject to change.

Institute for Science, Technology, Engineering & Mathematics (ISTEM)



COUNTRYSIDE HIGH SCHOOL



INSTITUTE FOR SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS
 COUNTRYSIDE HIGH SCHOOL

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ABOUT US

Countryside High School is located in the northeastern portion of Pinellas County and serves the communities of Clearwater and Safety Harbor. In addition, students from the Palm Harbor and East Lake areas also attend Countryside. We are one of the larger schools within the Pinellas County School System. Excellence is emphasized in the variety of programs offered at our school. Countryside consistently ranks among the top schools in the region in academic achievement and parent involvement.

The ISTEM program provides students rigorous college preparatory academic opportunities across all academic subjects while providing an emphasis on Science, Technology, Engineering and Mathematics (STEM). Students will have opportunities to study and apply emerging technologies in real-world scenarios. ISTEM students will be required to complete Advanced Placement and/or college dual enrollment courses prior to graduation in addition to completing elective courses of study leading to industry certifications.

areas of study

SCIENCE, TECHNOLOGY, ENGINEERING, MATHEMATICS, MULTIMEDIA, RESEARCH

The Institute for Science, Technology, Engineering and Mathematics (ISTEM) offers a rigorous four-year academic program emphasizing:

- Advanced mathematics
- Advanced science
- Research
- Engineering technology

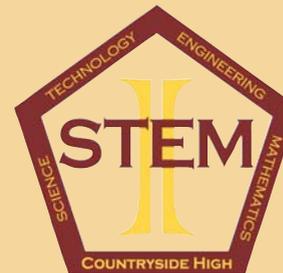
Students select one of the following four strands as their focus:

- Computer Applications/IT Network Security (Cybersecurity)
- Biotechnology
- Engineering
- Multimedia/Television Production

Students who graduate from the ISTEM program will be prepared for careers in computer and information systems, network and computer systems, network and data communications systems, biotechnology research, biotechnology manufacturing, multimedia technology/production, television production, or industrial engineering.

The program provides hands-on, student-centered laboratory experiences, as well as real-world experiences. Students will have the opportunity to earn industry certifications such as Microsoft Office Specialist, CompTIA A+, CompTIA Security+, CompTIA Network+, Apple FinalCut Pro, Adobe Suite, and Biotechnology.

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



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.

ACTIVITIES & 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, basketball, cheerleading, cross country, football, golf, swimming/diving, volleyball, soccer, wrestling, baseball, flag football, softball, tennis, and track
- Band and Color Guard
- Debate Club
- Drama Club
- Fellowship of Christian Athletes
- Florida Future Educators of America
- GFWC Clearwater Juniors
- Hands That Care
- Interact Service Club
- Marine Biology Club
- Mu Alpha Theta
- National Honor Society
- Multicultural Club
- Principal's Multicultural Advisory Committee
- Relay for Life
- Robotics Club
- SADD
- Spanish Nat'l Honor Society
- Student Government
- Video Club
- Youth Crime Watch
- Youth in Government



institute for science, technology, engineering & mathematics (ISTEM)

HIGHLIGHTS

- State-of-the-art equipment, including biotechnology lab
- 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
- Morning news show, UPC, recognized as best in the nation, Southeast, Florida
- Universal Studies High School Video Competitions, finalist 9 of 10 years
- UPC is a licensed affiliate of both CNN and PBS