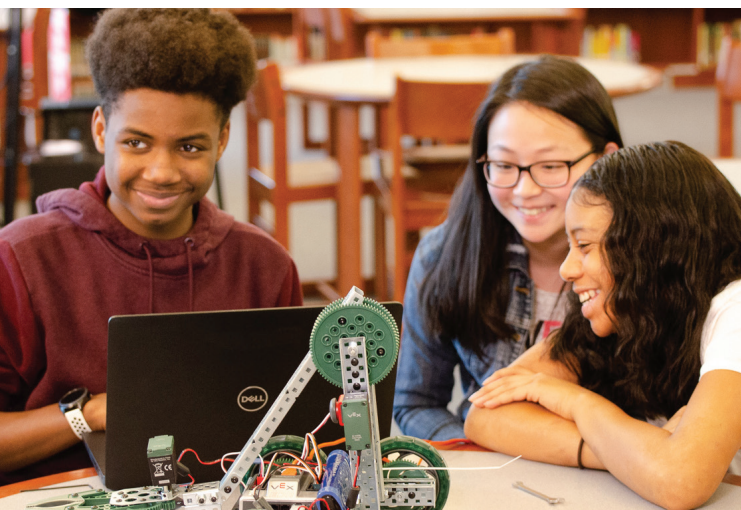


aces at Chase

**FREE TO  
CHANGE YOUR  
FUTURE**







## ACES at Chase: A Place Where You Are Free To Engineer, Write, Grow and Change Your Future!

Imagine a place where you can shape your future! ACES at Chase is where students can fulfill their dreams for a future in science, technology, engineering, the arts and mathematics (STEAM) through an interdisciplinary approach to learning. The STEAM theme is integrated into all that we do. This cohesive learning paradigm is based on real-world applications, career connections and the 4 C's: creativity, critical thinking, communication and collaboration. ACES at Chase staff collaborates with families and community partners to empower students to engineer, write, grow and change their futures.

### **OUR STRENGTH IS OUR DIVERSITY**

ACES at Chase is dedicated to fostering an educational atmosphere that connects with a diverse community of learners where each member is recognized as an important piece of the whole. We encourage our families to share their cultures and experiences, which provide for enriching educational opportunities for our students. Our classrooms ensure individualized learning in a supportive, social, and encouraging environment. ACES at Chase enrolls more than 700 students from any district in the State of Connecticut through the Magnet School Parent Choice program.

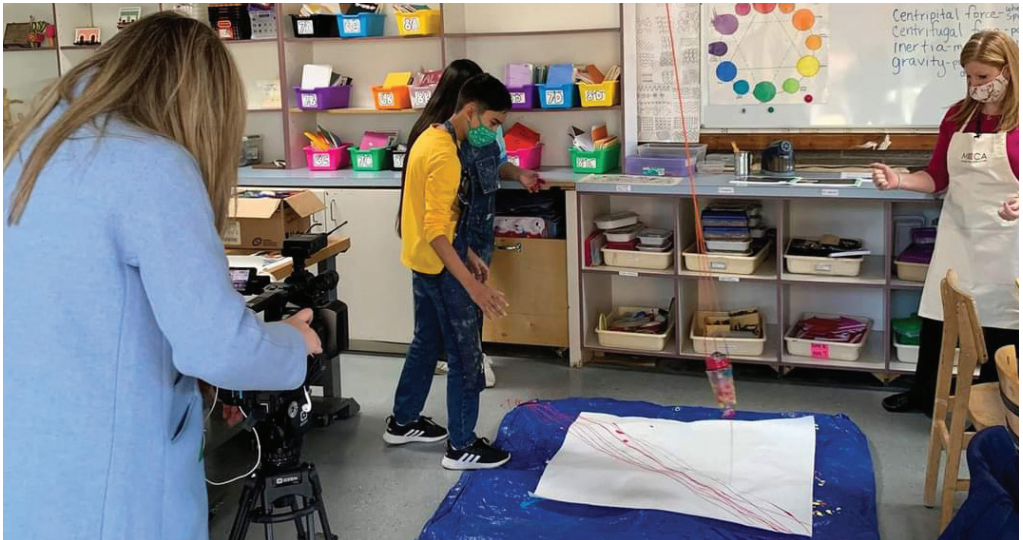


# A Quality Future

Collaboration is the foundation for success. Like we do with our students, families, and communities, ACES at Chase partners with outstanding educational programs to enhance learning opportunities.

## **NATIONAL MAGNET SCHOOL OF DISTINCTION BY MAGNET SCHOOLS OF AMERICA**

ACES at Chase was one of twelve schools in Connecticut and one of two hundred and forty-four schools nationally to receive this designation. This incredible honor and recognition is bestowed by member educators of Magnet Schools of America. Each school is judged and scored on their demonstrated ability to raise student academic achievement, promote racial and socioeconomic diversity, provide integrated curricula and instruction, and create strong family and community partnerships that enhance the school's magnet theme.



## **DISCOVERY EDUCATION: PARTNERS IN INNOVATION**

ACES at Chase partners with Discovery Education to enhance instructional methods and resources to extend learning for all students. Across all subjects, students pursue their interests and make connections to real world learning. Lessons allow students to be creative, think critically, communicate and collaborate.

## **MAGNET SCHOOL PARENT CHOICE**

Connecticut legislation (Sec. 42, P.A. 07-03) has made it possible for families to apply to any magnet school in the state of Connecticut. ACES Magnet School Parent Choice accepts students from anywhere in Connecticut. We encourage all families and students to apply. ACES Magnet School Parent Choice accepts applications starting in January of each year. For more information, log on to [www.aces.org/magnetschoolparentchoice](http://www.aces.org/magnetschoolparentchoice).





## Uniquely Qualified to Shape the Future

Our ultimate goal is to equip our students with the skills necessary to be college and career ready as they continue their educational journey. We pioneered a one-to-one technology program for all students starting in 2004, and we continue to be innovators today providing students with inquiry based strategies and tools to innovatively problem-solve, so they can become productive citizens who enrich their communities. Teachers, administrators, and technology specialists work together to ensure that technology enhances learning in all areas and at all levels.

### **SCIENCE**

ACES at Chase follows Next Generation Science Standards (NGSS). Students participate in inquiry-based learning, which requires them to think critically, while problem solving individually or collaboratively. Our Science department uses STEMscopes, an online, interactive learning platform. All classrooms have access to a well-equipped science laboratory for investigations and lab experiences. Students are encouraged to hypothesize, test, and discover the world around them through hands-on activities. In collaboration with the Mathematics department, Science teachers incorporate interdisciplinary concepts, which reinforce both subject areas.

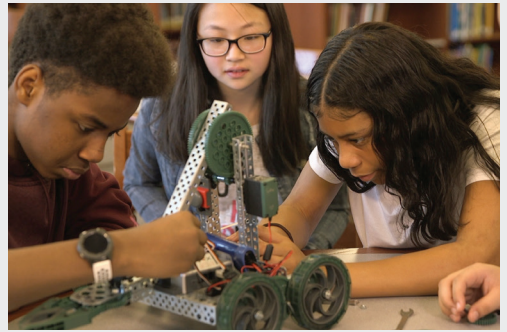
### **TECHNOLOGY**

The International Society for Technology in Education (ISTE) provides technology standards. ACES at Chase teachers weave these standards into daily lessons and activities. All students are provided with their own Chromebook so they can easily access multiple web-based sites like Discovery Education, IXL practice in multiple content areas, Google Workspace for Education (GSuite) and Visual Thesaurus. Smart-boards, smart-televvisions, document cameras, iPads, and many other technology options are available to support teaching and learning at ACES at Chase.



## **ENGINEERING: PROJECT LEAD THE WAY (PLTW) DISTINGUISHED SCHOOL**

ACES at Chase provides an in-depth engineering program for all students. The program from Project Lead the Way (PLTW) teaches students to think like engineers to solve complex problems by using computer software and technical skills. ACES at Chase provides five PLTW courses to all students over three years: App Creators, Automation and Robotics, Design and Modeling, Computer Science for Innovators and Makers, and Flight and Space. These PLTW classes prepare our students for college and beyond by supplying basic to more in-depth engineering content. ACES at Chase has been recognized as a Project Lead the Way Distinguished School. In fact, ACES at Chase was the only middle school in the state of Connecticut to earn the distinction four years in a row and counting.

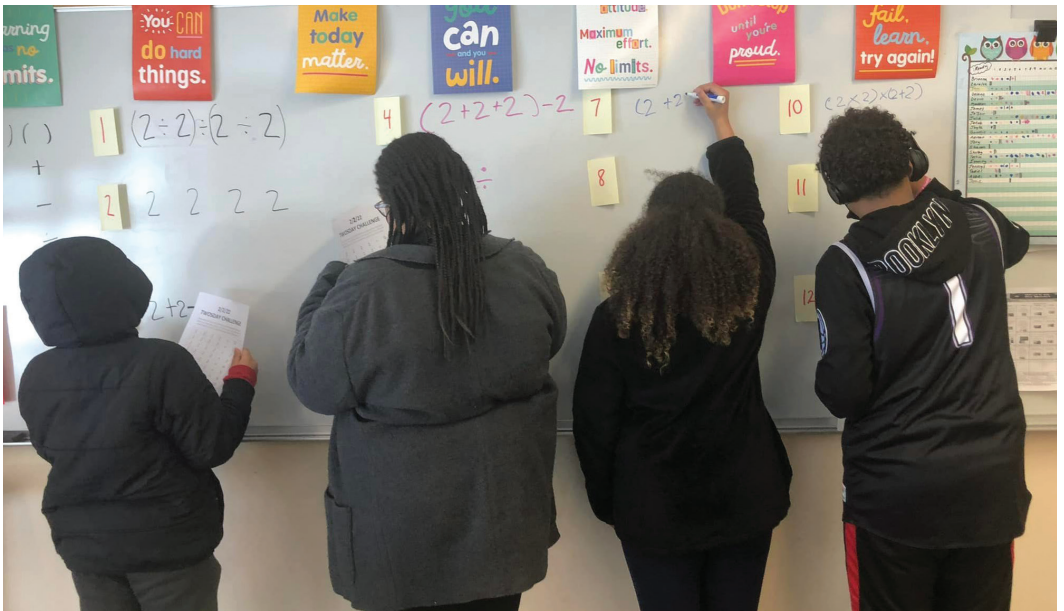


## **THE ARTS**

ACES at Chase encourages all students to explore creativity, self-expression and problem solving through our performance based music and visual arts programs. Both programs provide traditional and digital media. Each unit of study focused on the “A” in STEAM develops multi-sensory skills. In addition to general music, we offer three ensemble choices, which include band, orchestra and chorus. The art and music curriculums showcase multicultural works of art and music, which recognize our diverse student body and the community at large. Students are engaged to respond by analyzing the art and connecting through personal experience, history, culture and integration with other subject areas.

## MATHEMATICS

Many current and future jobs demand their employees understand and apply high-level math. At ACES at Chase, our students experience a problem-based math curriculum where they spend most of their time in class working on carefully crafted and sequenced problems. Students gain a rich and lasting understanding of mathematical concepts where they frequently collaborate with their classmates. Current research says that students need to be able to think flexibly in order to use mathematical skills in their lives. ACES at Chase students become flexible thinkers who rely on understanding concepts and making connections between them. Students experience their mathematics either in a Connecticut Core class or, for those students demonstrating a strong interest/ability in mathematics, ACES at Chase offers compacted mathematics courses.







## ENRICHMENT AND AFTER SCHOOL PROGRAMMING

Instructional Enrichment and After School Programming is offered to every student on the ACES at Chase campus. Participation is driven by student interest for all clubs, sports and activities; each tailored to individual student needs, developing their passions, and talents. Our schedule takes advantage of extensive arts and athletics facilities, greenhouse and gardens, pond and recreation areas (encompassed on 47 acres), to create an experience unlike any other public school in the state. We honor diverse perspectives and experiences, engaging families, and partnering with the community, so our students can effectively solve problems in order to achieve equity and inclusion in an ever-changing, complex world.



# aces at Chase

## SEEING IS BELIEVING – WE WANT YOU TO SEE THE FUTURE IN PERSON!

If you are interested in taking a tour of ACES at Chase and learning more about us, please call 203-639-8403 and ask for the guidance department.

Contact us on the web: [www.aces.org/chase](http://www.aces.org/chase).

ACES at Chase

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**Assistant Principal:** Vicki Rose, [vrose@aces.org](mailto:vrose@aces.org)

The logo for ACES (Area Cooperative Educational Services) is displayed in a white, lowercase, sans-serif font. The letters are bold and have a slightly rounded, friendly appearance.

For more information on Area Cooperative Educational Services, go to [www.aces.org](http://www.aces.org)