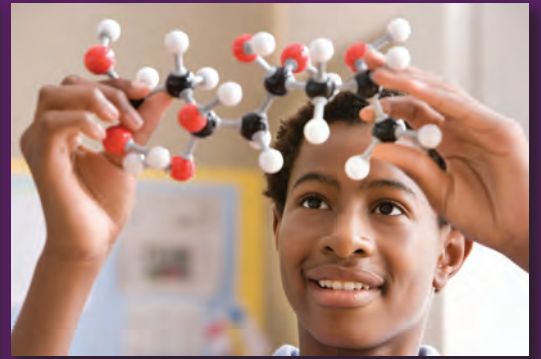




CREC



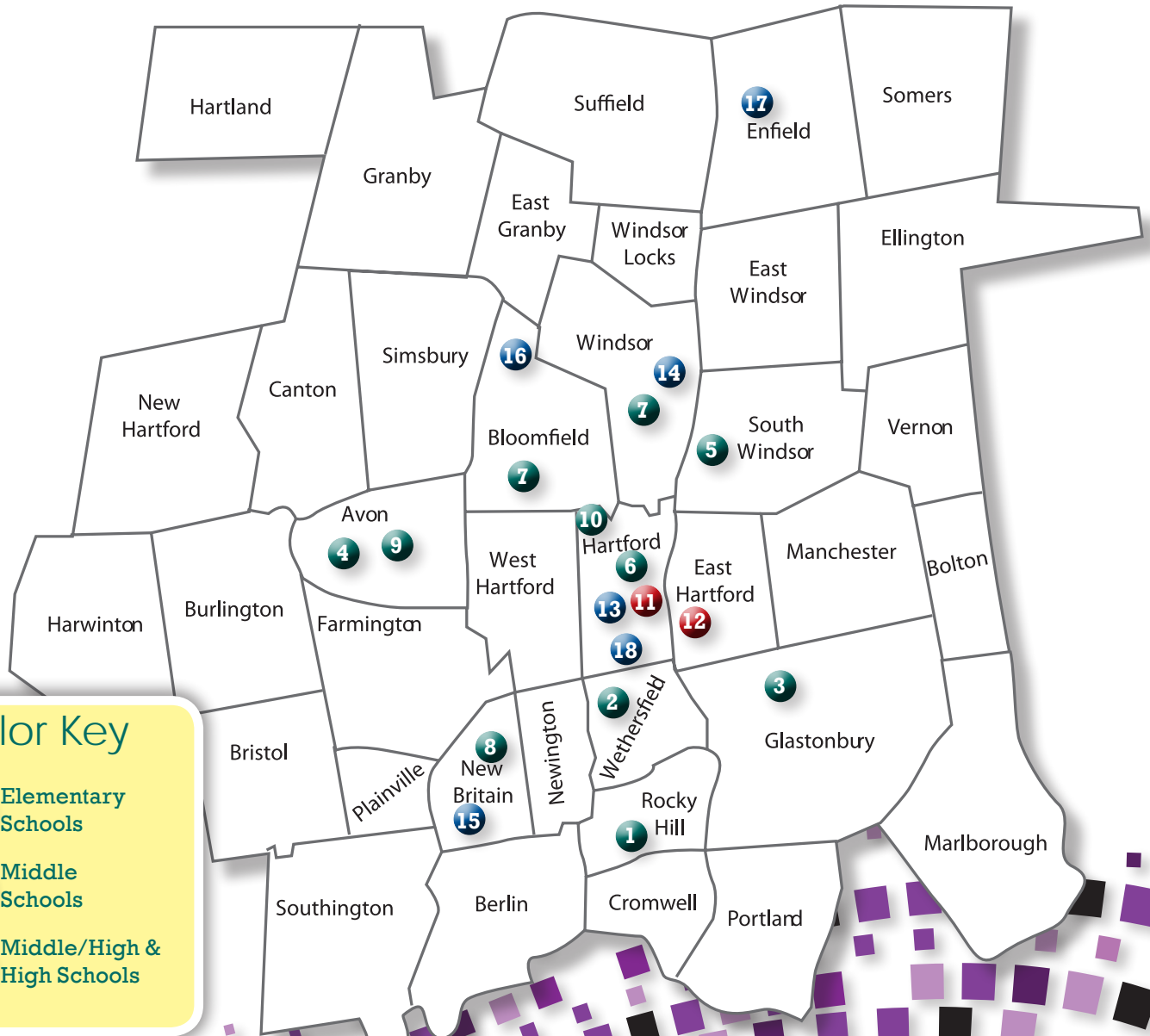
SCHOOLS



 **CREC** Schools of Excellence



CREC Schools



Color Key




-  Elementary Schools
-  Middle Schools
-  Middle/High & High Schools

Table of Contents

- 1 Academy of Aerospace and Engineering
Elementary School: Pre-K 3 to Grade 5
- 2 Discovery Academy: Pre-K 3 to Grade 5
- 3 Glastonbury-East Hartford
Magnet School: Pre-K 3 to Grade 5
- 4 Ana Grace Academy of the Arts
Elementary School: Pre-K 3 to Grade 5
- 5 International Magnet School for Global
Citizenship: Pre-K 3 to Grade 5
- 6 Montessori Magnet School: Pre-K 3 to Grade 6
- 7 Museum Academy: Pre-K 3 to Grade 5
- 8 Preschool at the Medical Professions and Teacher
Preparation Academy: Pre-K (ages 3 and 4)
- 9 Reggio Magnet School of the Arts:
PreK-3 to Grade 5
- 10 University of Hartford Magnet School:
PreK-3 to Grade 5
- 11 Greater Hartford Academy of the
Arts Middle School: Grades 6 to 8
- 12 Two Rivers Magnet Middle School: Grades 6 to 8
- 13 Academy of Aerospace and Engineering:
Grades 6 to 12 (Full Day)
- 14 Greater Hartford Academy of the Arts:
Grades 9 to 12
- 15 Medical Professions and Teacher
Preparation Academy: Grades 6 to 12
- 16 Metropolitan Learning Center for Global and
International Studies: Grades 6 to 12
- 17 Public Safety Academy: Grades 6 to 12
- 18 Two Rivers Magnet High School: Grades 9 to 12

| | |
|----------------------------------------------------------------------------------------|-------|
| Superintendent's Message | 3 |
| A CREC Education | 4-5 |
| How to Apply | 6 |
| Athletics and Transportation..... | 7 |
| CREC Academy of Aerospace and Engineering Elementary School | 8-9 |
| CREC Discovery Academy..... | 10-11 |
| Glastonbury-East Hartford Magnet School | 12-13 |
| CREC Ana Grace Academy of the Arts Elementary School | 14-15 |
| CREC International Magnet School for Global Citizenship | 16-17 |
| The Preschool at the CREC Medical Professions and Teacher Preparation Academy | 18-19 |
| CREC Montessori Magnet School | 20-21 |
| CREC Museum Academy | 22-23 |
| CREC Reggio Magnet School of the Arts | 24-25 |
| CREC University of Hartford Magnet School..... | 26-27 |
| CREC Academy of Aerospace and Engineering | 28-29 |
| CREC Greater Hartford Academy of the Arts Middle School | 30-31 |
| CREC Greater Hartford Academy of the Arts..... | 32-33 |
| CREC Greater Hartford Academy of Mathematics and Science | 34-35 |
| CREC Medical Professions and Teacher Preparation Academy | 36-37 |
| CREC Metropolitan Learning Center for Global & International Studies..... | 38-39 |
| CREC Public Safety Academy | 40-41 |
| CREC Two Rivers Magnet School | 42-43 |



Superintendent's Message

Dear Families,

It is with great pleasure that I introduce you to CREC Magnet Schools and what it means to receive a CREC education. CREC Magnet Schools develop scholars through engagement with rigorous core curricula, uniquely designed and personalized educational programming, and access to the latest technology available in the field. Every CREC student graduates college and career ready. CREC Magnet Schools serve over 8,000 students in 19 schools, from 85 towns throughout the state of Connecticut. Students are drawn to CREC Magnet Schools as a result of the many opportunities offered to them, including: specific themes that allow students to identify, refine, and develop their talents and interests; diverse learning communities that prepare students for living and working as global citizens; career exploration programs that prepare students for higher education and the workforce; real-world experiences that deliver the meaningful opportunities to apply new learning; and facilities that are designed to enhance the theme of the school. CREC Magnet School themes include Montessori, Reggio Emilia, International Baccalaureate, Public Safety, Medical Professions and Teacher Preparation, Aerospace and Engineering, Advanced Mathematics and Science, Scientific Discovery, Museum Studies, Global Studies, and the Arts.

Evidence of Excellence- CREC Students Achieve at the Highest Levels:

CREC attributes students’ growth and success to a strong, dedicated, and exceptionally talented community of educators that accelerate student learning. The level of commitment and belief in students’ abilities is results-driven and transformative.

A Well-Rounded Education:

- State-of-the-art facilities
- Early childhood education (3 and 4 years old) and kindergarten
- Comprehensive core curricula driven by the magnet theme
- World language instruction beginning at age 3
- Interscholastic athletic program
- Advanced Placement and early college opportunities
- Extensive internship programs in leading industries throughout greater Hartford
- International field study and exchange programs
- Gifted programming for exceptional learners

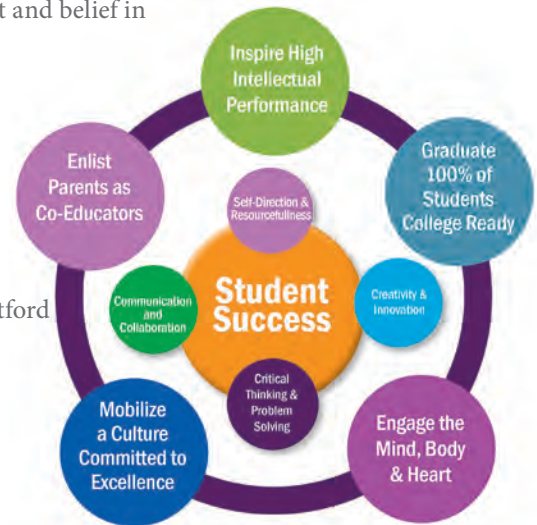
For more information, visit www.crecschools.org or call 860-524-4096.

It would be our privilege to educate your child.

Sincerely,



Dina Crowl
Superintendent of CREC Schools



A CREC Education

CREC Magnet School Options:

Pre-K and Elementary Schools

CREC's Magnet Schools are leading the way in public education with theme-based programs that provide all students with college and career focused educational opportunities. With highly qualified teachers, cutting edge curricula, and state-of-the-art buildings, CREC Magnet Schools give students from diverse backgrounds a chance to excel in ways that are designed to inspire and motivate.

CREC Schools

Dina Crowl
Superintendent of
CREC Schools
111 Charter Oak Avenue
Hartford, CT 06106
860-524-4096
www.crecschools.org

CREC Academy of Aerospace and Engineering Elementary School (Pre-K to Grade 5)

525 Brook Street
Rocky Hill, CT 06067
860-529-1652
Gayle Hills, Principal

CREC Discovery Academy (Pre-K to Grade 5)

Dr. Lynn C. Toper, Principal
Pre-K
140 Huyshope Avenue, Hartford, CT 06106 (Temporary Location)
860-296-2090

Grades K to 5

417 Franklin Avenue, Hartford, CT 06114 (Temporary Location)
860-296-2090
Permanent Location under construction at
176 Cumberland Avenue,
Wethersfield, CT

Glastonbury-East Hartford Magnet School (Pre-K to Grade 5)

95 Oak Street
Glastonbury, CT 06033
860-633-4455
Ryan Donlon, Principal

CREC Ana Grace Academy of the Arts Elementary School (Pre-K to Grade 5)

20 Security Drive
Avon, CT 06001
860-677-0380
Patricia Phelan, Principal

CREC International Magnet School for Global Citizenship (Pre-K to Grade 5)

625 Chapel Road
South Windsor, CT 06074
860-291-6001
Cindy Rigling, Principal

CREC Preschool at the Medical Professions and Teacher Preparation Academy (Pre-K 3 and 4)

600 Slater Road
New Britain, CT 06053
860-223-0726
Andrew Skarzynski, Principal

CREC Montessori Magnet School (Pre-K to Grade 6)

1460 Broad Street
Hartford, CT 06106
860-757-6100
Antonio Napoleone, Principal

CREC Museum Academy (Pre-K to Grade 5)

Shandra Brown, Principal
Pre-K & K
206 West Newberry Road
Bloomfield, CT 06002
860-231-7800

Grades 1-5

10 Univac Lane at
10 Targeting Center
Windsor, CT 06095
860-231-7800

CREC Reggio Magnet School of the Arts (Pre-K to Grade 5)

59 Waterville Road
Avon, CT 06001
860-674-8549
Josephine DiPietro-Smith,
Principal

CREC University of Hartford Magnet School (Pre-K to Grade 5)

196 Bloomfield Avenue
West Hartford, CT 06117
860-236-2899
Tim Barber, Principal

Middle and High Schools

**CREC Academy of
Aerospace and Engineering
(Grades 6 to 12)**

Grades 6 to 8

1289 Blue Hills Avenue
Bloomfield, CT 06002
860-243-0857
Delores Bolton, Principal

Grades 9 to 12

15 Vernon Street
Hartford, CT 06106
860-757-6300
Paul Brenton, Principal
Permanent location under
construction at
1101 Kennedy Road,
Windsor, CT

**CREC Greater Hartford
Academy of the Arts
Middle School
(Grades 6 to 8)**

75 Van Dyke Avenue
Hartford, CT 06106
860-724-0685
Bo Ryan, Principal

**CREC Greater Hartford
Academy of the Arts
High School (Grades 9 to 12)**

15 Vernon Street
Hartford, CT 06106
160-172 Huyshope Avenue
Hartford, CT 06106
860-757-6300
Jeff Ostroff, Principal

**CREC Greater Hartford
Academy of Mathematics
and Science:
Half-Day Program
(Grades 9 to 12)**

15 Vernon Street
Hartford, CT 06106
860-757-6300
Paul Brenton, Principal

**CREC Medical Professions and
Teacher Preparation Academy
(Grades 6 to 12)**

600 Slater Road
New Britain, CT 06053
860-223-0726
Andrew Skarzynski, Principal

**CREC Metropolitan Learning
Center for Global and
International Studies
(Grades 6 to 12)**

1551 Blue Hills Avenue
Bloomfield, CT 06002
860-242-7834
Sasha Douglas, Principal

**CREC Public Safety Academy
(Grades 6 to 12)**

1617 King Street
Enfield, CT 06082
860-253-0274
Adam Johnson, Interim Principal

**CREC Two Rivers
Magnet Middle School
(Grades 6 to 8)**

337 East River Drive
East Hartford, CT 06108
860-290-5320
Jill Wnuk, Principal

**CREC Two Rivers
Magnet High School
(Grades 9-12)**

15 Van Dyke Avenue
Hartford, CT 06106
860-422-7095
Robert McCain, Principal



How to Apply



Take some time to explore CREC Magnet Schools.

When you apply, please rank order up to five (5) magnet schools that offer your child's grade. If you have interest in more than one school, please be sure to rank order schools beginning with your first choice.

Meet current students and educators at CREC Magnet Schools during one of our Open Houses and learn more about the placement process, transportation, and what makes a CREC education unique. You can also contact the magnet school office staff year-round to discuss applying and enrolling at 860-524-4096.

Apply now at www.choiceeducation.org.

6

Register for school.



5

Accept/decline seat.



4

Receive notification.



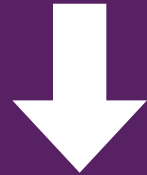
3

Complete and submit the application.



1

Review your school options.



2

Attend an information session.



Admission to CREC Magnet Schools is determined by an annual lottery, administered by the Regional School Choice Office.



Athletics:

The CREC Interscholastic Athletic Program is an extension of the district's goal to engage our students in healthy lifestyle choices and to provide them with the opportunity to participate in team activities. Each year, the athletics program continues to grow to include additional opportunities for our students. Below is a list of current athletic opportunities offered at our schools:

2014-2015 Sport Offerings

| SEASON | HIGH SCHOOL | MIDDLE SCHOOL |
|--------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------|
| FALL (September - November) | Coed Cross Country Boys Soccer Girls Soccer Girls Volleyball Football (JV) | Coed Cross Country Boys Soccer Girls Soccer |
| WINTER (December - March) | Boys Basketball Girls Basketball Coed Indoor Track | Boys Basketball Girls Basketball Coed Indoor Track |
| SPRING (March - June) | Baseball Softball Coed Track and Field Boys Volleyball | Baseball Softball Coed Track and Field Ultimate Frisbee |

*Sports offered are subject to change each year

Transportation:

The State Department of Education's Regional School Choice Office (RSCO) partners with CREC to operate a regional transportation system that serves the CREC Magnet Schools listed in this catalog. The regional transportation system has various options, including traditional school bus transport, vans, public bus passes and parent stipends, where appropriate.

Every year, RSCO/CREC Transportation may alter bus schedules and/or bus stops. When making such transportation changes, notice will be provided to parents and school personnel.

Q. Do I have to pay for transportation services?

A. There is no charge to families.

Q. Which students are eligible to receive transportation services?

A. Generally, interdistrict transportation is available during regular school hours for K-12 students in Greater Hartford who:

- reside in towns included in the RSCO transportation zone; and
- attend out-of-district programs offered through RSCO (the Hartford Region Open Choice Program, magnet schools, Connecticut Technical High Schools [CTHSS], and the Suffield Regional Agriscience Center).

For students in grades PK3 and PK4, transportation is available to Hartford resident students attending an out-of-district program only. For non-Hartford resident PK3 and PK4 students, the parent or guardian shall arrange transportation.

About the CREC Aerospace and Engineering Elementary School (Pre-K3-Grade 2*)

A Pre-K – Grade 12 STEM Education

About the Theme

CREC’s Academy of Aerospace and Engineering Elementary School focuses on developing strong foundational knowledge for students in four interrelated domains of literacy: science, technology, engineering, and mathematics (STEM). The curricula provides students with significant and meaningful opportunities to conduct investigations, gather and use information, and solve problems using scientific methods of thinking and technology as tools. Engaging children in these practices helps them to develop a deep understanding of the world around them.

The STEM-based theme serves to ignite curiosity, promote exploration, and foster collaboration and scientific thinking through hands-on, inquiry- based learning experiences. The inter disciplinary curriculum provides students with strong foundational knowledge and emphasizes an understanding of the world around them.

Technology in state-of-the-art classrooms supports and enhances learning. Teachers and students use iPads, Smart Boards, digital cameras, and other resources throughout the curriculum.

The STEM Experience

The CREC Academy of Aerospace and Engineering Elementary School uses a thematic interdisciplinary curriculum to emphasize inquiry-based learning. Students participating in these avenues of learning gain the ability to perceive the relationships among societal, scientific, and technological issues.

The Academy of Aerospace and Engineering Continuum

Students attending the CREC Academy of Aerospace and Engineering Elementary School have the unique opportunity to experience the STEM-integrated curriculum from preschool to grade 12. Students experience a pathway to the CREC Academy of Aerospace and Engineering (6-12). This preschool through grade 12 continuum allows students to build on their knowledge as they travel through each academy, preparing them for higher education and advanced studies in science, technology, engineering, and mathematics.

*Will serve up to Grade 5 in the future

I want to be...



CREC Academy of Aerospace and Engineering Elementary School

Special Features

- STEM integrated into all aspects of the curriculum
- Education Development Center: Cultivating Young Scientists
- Problem-based learning
- Hands-on materials
- Inquiry-based approach – 5 E Model
- Partnerships with: The Roaring Brook Nature Center, Beacon, The Children's Museum in West Hartford, The Eli Whitney Museum, and Dinosaur State Park
- Before and after care is available
- Five day preschool and kindergarten

For More Information

Please contact:

Gayle Hills
Principal

860-529-1652, or visit
www.crecschools.org

525 Brook Street
Rocky Hill, CT 06067

Magnet schools are public schools of choice.
Families do not pay tuition to attend magnet schools.

About the CREC Discovery Academy (Pre-K3-Grade 4*)

Where Discovery Leads to Academic Success

About the Theme

CREC's Discovery Academy focuses on developing strong foundational knowledge for students in four interrelated domains of literacy: science, technology, engineering, and mathematics (STEM). The curricula provides students with significant and meaningful opportunities to conduct investigations, gather and use information, and to solve problems using scientific methods of thinking and technology as tools. Engaging children in these practices helps them to develop a deep understanding of the world around them.

The STEM Experience

CREC's Discovery Academy uses a variety of teaching methods and instructional strategies to emphasize thematic, inquiry-based learning. The 5E Instructional Model – Engage, Explore, Explain, Elaborate, and Evaluate - fosters active participation in the learning process. The teacher sets up problems and monitors student exploration, guides student inquiry, and promotes new patterns of thinking. In addition, curriculum differentiation is used to increase achievement by addressing differences in students' prior knowledge, motivation, learning styles, product preferences, and interests.

As children become scientifically literate, they learn to solve problems by thinking creatively and critically. Through outdoor investigation, students begin to understand their environment and its issues. Further, the use of inquiry-based instruction is infused into language arts, mathematics, and social studies lessons. This comprehensive and integrated approach fully prepares students to achieve success in today's rapidly changing world.

Community Partnerships

The CREC Discovery Academy collaborates with community partners: The Connecticut Science Center, The Children's Museum, The Roaring Brook Nature Center, and the Connecticut Invention Convention. These partnerships help develop a hands-on, inquiry-based, and developmentally appropriate STEM curriculum and support high-quality science experiences. In addition, they provide training programs to our teachers on integrating science into the curriculum.

Students participate in field studies at these partner locations, and outreach programs bring these field-learning opportunities and offerings into classrooms. The school's association with these groups enriches and deepens students' scientific experiences.

*Will serve up to Grade 5 in the future

I want to be...



CREC Discovery Academy

Special Features

- Opportunities for field studies with community partners
- Full-day preschool and kindergarten programming
- Comprehensive STEM curriculum
- State-of-the-art classrooms
- World language for all students
- Before and after care available for students
- Instruction by a well-trained and diverse staff
- State-of-the-art facility is in development on Cumberland Avenue in Wethersfield, Connecticut
- Recognized as a 2014 Magnet School of Excellence by Magnet Schools of America

For More Information

Please contact:

Dr. Lynn C. Toper
Principal

860-296-2090, or visit
www.crecschools.org

140 Huyshope Avenue
Hartford, CT 06106 (Pre-K temporary location)

417 Franklin Avenue
Hartford, CT 06114 (K-5 temporary location)

Permanent location under construction at
176 Cumberland Avenue, Wethersfield CT

Magnet schools are public schools of choice.
Families do not pay tuition to attend magnet schools.

About the Glastonbury-East Hartford Magnet School

(Pre K3-Grade 5)

A NASA Explorer School

About the Theme

Students at the Glastonbury-East Hartford Magnet School explore science, global studies, and technology through daily, hands-on learning experiences. The school provides a challenging environment that encourages academic achievement and a love of learning.

Taking advantage of young children's exceptional language learning ability, children are taught Chinese and customs, encouraging them to be sensitive, effective, and thoughtful communicators.

The STEM Experience

Teachers use a variety of teaching methods and instructional strategies to integrate thematic, inquiry-based science into the daily curriculum. The school's model for learning encourages innovation and high-level thinking skills aligned with both state and national standards in the areas of science, technology, engineering, and math.

The "Science Lab for Young Children" is a learning environment that inspires an excitement for science. The specially designed laboratory space provides Preschool through Grade 5 students and their teachers with the tools and materials needed to explore the world of biological, physical, earth-space sciences, and engineering.

Through the use of state-of-the-art equipment, students are well equipped with the science and technology tools necessary to become inquisitive and productive 21st Century learners.

Outdoor field studies are an important part of the science curriculum because students get to work as scientists to answer questions about the world around them. Students investigate life and seasonal changes in their local schoolyard and pond or river ecosystems, or they use the school's planetarium to learn about the universe. Other trips involve travel to local rock quarries to study rocks and minerals, or to Long Island Sound to study inter-tidal life.

Community Partnerships

In an effort to enhance the science and technology curriculum, Glastonbury-East Hartford Magnet School currently partners with NASA, Hamilton Sundstrand, Talcott Mountain Science Center, CT Invention Convention, New England Air Museum, and National Sea Grant Program.

As a NASA Explorer School, Glastonbury-East Hartford Magnet School students participate in a variety of video conferences and learning sessions with astronauts, rocket scientists, and engineers from NASA and other industry partners.

I want to be...



Glastonbury-East Hartford Magnet School

Special Features

- Community partnerships
- Full-day Preschool and Kindergarten programming
- NASA Explorer School
- Comprehensive STEM curriculum
- State-of-the-art technology in classrooms
- Brand new theme-specific building with a planetarium
- Chinese instruction for all students
- Before and after care available for students
- Instruction by a well-trained and diverse staff
- Pathway to a CREC Secondary School
- Recognized as a 2014 School of Distinction by Magnet Schools of America

For More Information

Please contact:

Ryan Donlon
Principal

860-633-4455 or visit
www.crecschools.org

95 Oak Street
Glastonbury, CT 06033

Magnet Schools are public schools of choice.
Families do not pay tuition to attend magnet schools.

About the CREC Ana Grace Academy of the Arts Elementary School (Pre-K3-Grade 3*)

Where Academics and the Arts Intertwine

About the Theme

The CREC Ana Grace Academy of the Arts Elementary School features an integrated learning environment for students in preschool through grade 5 that combines a rigorous core curriculum enhanced by an art-themed focus. The arts curriculum provides students with the opportunity to explore vocal and instrumental music, visual arts, dance, theatre, creative writing, and interdisciplinary arts.

Arts-Infused Curriculum

The CREC Ana Grace Academy of the Arts Elementary School utilizes research-based teaching and learning practices in reading, mathematics, science, technology, and the arts. Students make interdisciplinary connections, engage in project-based learning, and work with professional artists as they develop and refine new skills. Instruction in core academic areas, as well as participation in live performances and public showcases of their work, provides students with challenging learning activities that develop their ability to demonstrate creativity, communicate effectively, collaborate with others, and assume leadership roles.

Community Partnerships

The CREC Ana Grace Academy of the Arts Elementary School collaborates with community partners to develop and enhance a curriculum that is developmentally appropriate, hands on, inquiry based, and arts infused. Local organizations support the integration of arts into the daily curriculum and provide field study opportunities and outreach in CREC's classrooms.

The Arts Academy Continuum

Students attending the CREC Ana Grace Academy of the Arts Elementary School have the unique opportunity to experience the arts-integrated curriculum from preschool to grade 12. Students experience a pathway to the CREC Greater Hartford Academy of the Arts (Grades 6-12). This preschool through grade 12 continuum allows students to build on their knowledge as they travel through each academy, preparing them for higher education and advanced curricula.

*Will serve up to Grade 5 in the future

I want to be...

CREC Ana Grace Academy of the Arts Elementary School

Special Features

- Full-day preschool and kindergarten
- Comprehensive arts-infused curriculum
- State-of-the-art classrooms
- Instruction by well-trained and diverse staff
- Opportunities for field studies with community partners
- State-of-the-art facility in development
- Pathway to CREC Greater Hartford Academy of the Arts (Grades 6-12)
- Recognized as a 2014 School of Distinction by Magnet Schools of America

For More Information

Please contact:

Patricia Phelan
Principal

860-677-0380, or visit
www.crecschools.org

20 Security Drive
Avon, CT 06001

Magnet schools are public schools of choice.
Families do not pay tuition to attend magnet schools.



CREC International Magnet School for Global Citizenship

About the CREC International Magnet School for Global Citizenship (Pre-K3-Grade 5) *An International Baccalaureate School*

About the Theme

The CREC International Magnet School for Global Citizenship prepares students to become global citizens, appreciate diversity, and perform academically at the highest level. The school's emphasis is on the learner profile, a set of attributes designed to create internationally-minded students who develop the skills needed to flourish as learners in the world.

Global and International Studies

The world-standard curriculum at the CREC International Magnet School for Global Citizenship nurtures students to become thoughtful and inquiring learners. Students study how the world works and the impact of "one" on an ever-changing society. The interconnectedness of the world is studied through the arts, foreign languages, and multicultural education. The school's focus on the whole child prepares students to be successful 21st Century citizens.

The CREC International Magnet School for Global Citizenship takes pride in its inquiry-driven approach to teaching and learning. Students are encouraged to explore their own interests and are taught the concepts and skills necessary to delve deeper into content. Within the curriculum, there is a strong emphasis on student action, collaboration, and communication. There is also a focus on research and the use of current technology. Instruction is differentiated to meet the needs of all learners. Extended-day programs provide support and enrichment opportunities.

International Baccalaureate

The CREC International Magnet School for Global Citizenship is an authorized International Baccalaureate School, offering the Primary Years Programme (PYP).

This unique approach to curricula integrates learning in all content areas through six themes of global significance:

- Who we are
- Where we are in place and time
- How we express ourselves
- How the world works
- How we organize ourselves
- Sharing the planet



I want to be...



CREC International Magnet School for Global Citizenship

Special Features

- Authorized International Baccalaureate Primary Years Programme
- Full-day preschool and kindergarten programming
- Before and after care available for students
- Instruction by professional and diverse staff
- School-wide enrichment program
- Brand new state-of-the-art facility in South Windsor
- After-school instructional and recreational opportunities
- Full instrumental music program
- Accessible technology for all students
- Community partnerships
- World language instruction beginning in Pre-K
- Pathway to a CREC secondary school
- Recognized as a 2014 Magnet School of Excellence by Magnet Schools of America

For More Information

Please contact:

Cindy Rigling
Principal

860-291-6001, or visit
www.crecschools.org

625 Chapel Road
South Windsor, CT 06074

Magnet schools are public schools of choice.
Families do not pay tuition to attend magnet schools.

The Preschool at the CREC Medical Professions and Teacher Preparation Academy

About Preschool at CREC Medical Professions and Teacher Preparation Academy (Pre-K3 and Pre-K4)

Preparation for Success in the Elementary Years

About the Theme

The academy's preschool combines innovative teaching methods and unique opportunities to expand students' capabilities for learning. Students enter elementary school with the skills necessary to ensure their success. The preschool day is enhanced by interaction with high school students who are participating in the teacher preparation program at the CREC Medical Professions and Teacher Preparation Academy. The classroom environment in the new school facility has been designed to specifically meet the needs of preschool students while simultaneously offering opportunities for high school students to assist, observe, teach, and learn.

The Preschool Experience

The school uses a variety of teaching methods and instructional strategies to emphasize thematic and inquiry-based learning. Teachers set up problems and monitor student exploration, guide student inquiry, and promote new patterns of thinking. In addition, curriculum differentiation is used to increase achievement by addressing differences in students' prior knowledge, motivation, learning styles, product preferences, and interests.

The use of inquiry-based instruction is infused into language arts, mathematics, and social studies lessons. This comprehensive and integrated approach fully prepares students to achieve success as they begin elementary school.

I want to be...



The Preschool at the CREC Medical Professions and Teacher Preparation Academy

Special Features

- Pathway to CREC elementary schools
- Full-day preschool programming
- Comprehensive preschool curriculum
- State-of-the-art classrooms
- Before and after care available for students
- Instruction by well-trained and diverse staff
- Lab school for pre-service teachers

For More Information

Please contact:

Andrew Skarzynski
Principal

860-223-0726, or visit
www.crecschools.org

600 Slater Road
New Britain, CT 06053

Magnet schools are public schools of choice.
Families do not pay tuition to attend magnet schools.

About the CREC Montessori Magnet School

(Pre-K3-Grade 6)

Connecticut's First Public Montessori Magnet School

About the Theme

The CREC Montessori Magnet School provides an authentic Montessori education for students in Preschool to Grade 6, as inspired by Dr. Maria Montessori. With its well-recognized early childhood and elementary school program, the school's Montessori philosophy of individualizing instruction for all children attracts students throughout Greater Hartford.

A Public Montessori Education

Students progress academically and socially through an integrated curriculum that combines the Montessori philosophy with highly-effective instructional strategies. Lessons that focus on interdisciplinary and global connections allow students to learn at their own pace with knowledge that expands beyond the school environment.

This unique approach to learning pairs high individual expectations with nurturing support. Each classroom has a unique spirit. All are grounded by the core goals of concentration, coordination, independence, and order.

The CREC Montessori Magnet School a diverse community of students and educators, features state-of-the-art facilities on the beautiful Learning Corridor campus across the street from Trinity College, a collaborative partner.

Community Partnerships

The CREC Montessori Magnet School partners with Trinity College's art and community program, and Trinity's urban education initiatives program, which allows college students studying to be teachers and artists mentor students in the areas of art, writing, and reading. In addition, the school is affiliated with Association Montessori Internationale (AMI). Montessori experts from around the world work at the CREC Montessori Training Center of New England to train teachers.

The CREC Montessori Magnet School's newest partnership is with the Bushnell Center for Performing Arts. Students have the opportunity to connect books and lessons to live performances at the theater through workshops that take place in the classroom.

In addition, the school enjoys a partnership with Community Farms in Simsbury. A major component of this program is to build raised bed gardens at each of the partner schools. The garden initiative provides an excellent way for students to learn by participating in academic, nutrition, and community service activities. Students explore the process of growing organic food and gain an understanding of healthy food choices.

I want to be...

CREC Montessori Magnet School

Special Features

- Full-day kindergarten programming
- Comprehensive Montessori curriculum
- State-of-the-art facility and technology
- World language for all students
- Before and after care available for students
- Instruction by well-trained and diverse staff
- AMI accreditation
- Pathway to a CREC secondary school
- Recognized as a 2014 School of Distinction by Magnet Schools of America

For More Information

Please contact:

Dr. Antonio Napoleone
Principal

Gretchen Hall, Director

Vivian Novo-MacDonald
Assistant Principal

860-757-6100, or visit
www.crecschools.org

1460 Broad Street
Hartford, CT 06106

Magnet schools are public schools of choice.
Families do not pay tuition to attend magnet schools.



About the CREC Museum Academy (Pre-K3-Grade 5) *Where Students Examine, Experiment, and Exhibit*

About the Theme

The CREC Museum Academy is a project-based school that educates the whole child through partnerships with museums, integrated curriculum, Visual Thinking Strategies, and student-led exhibitions.

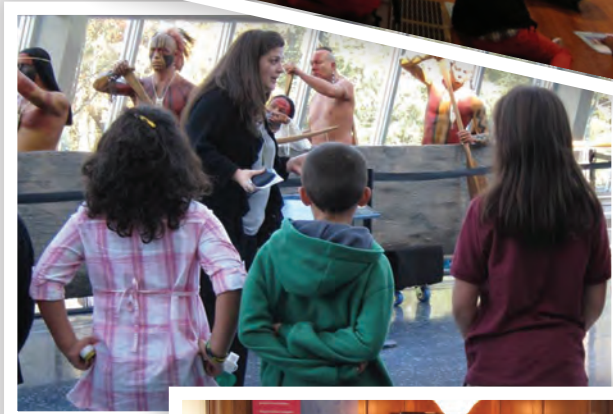
The Museum Approach to Learning

Expeditions include visits to partner museums and other venues focusing on science, social studies, and fine art. Exhibitions are public showings of student-created work related to theme and content. Exhibition projects are designed to enhance and develop a deeper understanding of unit topics. Visual Thinking Strategies is a museum teaching method that centers on open-ended, and highly-structured discussions of visual art. This practice significantly increases students' analytical and critical-thinking abilities and builds on their language and literacy skills.

Community Partnerships

The CREC Museum Academy enjoys community partnerships with the Connecticut Historical Society, Wadsworth Atheneum, the Children's Museum, Roaring Brook Nature Center, the Bushnell Center for the Performing Arts, the Artists Collective, and the Eric Carle Museum of Picture Book Art. These partnerships enhance the museum curriculum by exposing students to extended learning in a variety of venues that improve and enrich classroom content.

I want to be...



CREC Museum Academy

Special Features

- Opportunities for field studies with community partners
- Full-day preschool and kindergarten programs
- World language for all students
- Before and after-school programs available for students
- Specially trained and diverse staff
- Science, technology, and engineering lab
- Museum studio
- Pathway to a CREC secondary school
- Magnet standards
- Virtual museum tours
- Discreet classes (modeled after the Schoolwide Enrichment Model)
- Recognized as a 2014 Magnet School of Distinction by Magnet Schools of America

For More Information

Please contact:

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Principal

860-231-7800, or visit
www.crecschools.org

Pre K & K
206 West Newberry Road
Bloomfield, CT 06002

Grades 1-5
10 Targeting Centre
Windsor, CT 06095

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Families do not pay tuition to attend magnet schools.

About the CREC Reggio Magnet School of the Arts (Pre-K3-Grade 5)

Endless Opportunities for Expression

About the Theme

At the CREC Reggio Magnet School of the Arts, each day brings endless opportunities for exploration and discovery. The curriculum is designed to respect a child's point of view. Students are empowered to direct their learning. The teacher acts as a guide in supporting and challenging students as inspired by the Italian Reggio Emilia Philosophy. The Reggio approach encourages student learning to be expressed in a variety of ways. Student work is the central focus. Photographs, artwork, and stories adorn the walls and document the learning and creativity of all students.

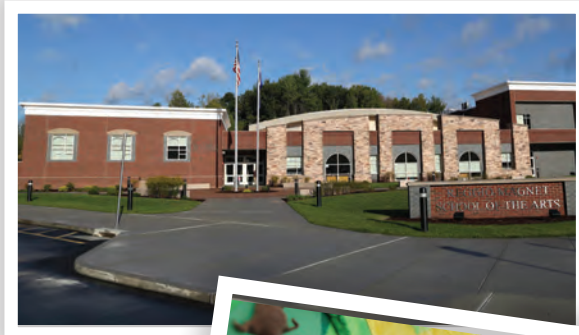
The Reggio Emilia Philosophy

Children learn through their experiences. Through the use of their senses and by working with their peers, students explore the world around them. The environment plays a role in student learning by transforming, educating, and inspiring the viewer. The physical structure of the school and classroom serves to engage interest, inspire creativity, and invite collaboration. The centrally located piazza and atelier serve as a gathering space for student projects and performances.

CREC Reggio Magnet School of the Arts' educators assess each child's level of development upon entering the school to design a customized program to ensure accelerated learning and future success. The school's philosophy includes an arts-integrated approach to acquiring reading, math, and science skills. The school's curriculum pairs high challenge with loving support. Parents are involved in every aspect of the curriculum as they continue their important role as their child's first teacher.

Project-based learning inspires problem solving, critical thinking, and creativity. A unit of study develops through a collaborative exchange between teacher and child. The cooperative nature of project-based learning teaches students to dialogue, critique, compare, negotiate, and hypothesize.

I want to be...



CREC Reggio Magnet School of the Arts

Special Features

- Gifted program for high-level learners
- Full-day preschool and kindergarten programming
- Comprehensive Reggio Emilia curriculum
- State-of-the-art technology
- World language for all students
- Before and after care available for students
- Instruction by a well trained and diverse staff
- State-of-the-art facility in Avon, Connecticut
- Pathway to a CREC secondary school
- Recognized as a 2014 Magnet School of Distinction by Magnet Schools of America

For More Information

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Principal

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59 Waterville Road
Avon, CT 06001

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About the CREC University of Hartford Magnet School

(Pre K3-Grade 5)

Building on Each Child's Strengths

About the Theme

The CREC University of Hartford Magnet School boasts a unique curriculum inspired by Dr. Howard Gardner's Theory of Multiple Intelligences. Dr. Gardner's theory of education encourages students to explore their learning through the eight intelligences: Bodily-Kinesthetic, Interpersonal, Intrapersonal, Linguistic, Logical-Mathematical, Musical, Naturalistic, and Visual-Spatial. At the CREC University of Hartford Magnet School, staff work together to identify and teach to each child's individual talents and strengths to ensure that all students are challenged and supported.

To enhance the theme, the school building features rooms designed to support the multiple intelligences curriculum.

The Multiple Intelligences Approach to Learning

The CREC University of Hartford Magnet School focuses on identifying and teaching to each child's individual talents and strengths, based on Dr. Howard Gardner's Theory of Multiple Intelligences. The school is founded on the belief that each type of intelligence has importance in a child's life and can lead to greater learning.

Students receive ongoing instruction in traditional subjects, as well as expanded instruction in the eight intelligence areas, both in their classroom and during their Essentials classes. Kindergarten through Grade 5 students have two periods of Visual Spatial, Music, and Bodily-Kinesthetic classes each week, as well as one period of Library/Media. This increased exposure to and experience with these intelligence areas provides our students opportunities to better know themselves as learners and individuals.

Through our relationship with the University of Hartford, our students are also afforded opportunities to participate in a variety of programs, including band and strings lessons, dance, Flying Magnets Running Club, and mentoring.

I want to be...



CREC University of Hartford Magnet School

Special Features

- Unique location on the University of Hartford campus
- Full-day Preschool and Kindergarten programming
- Comprehensive Multiple Intelligences curriculum
- State-of-the-art facility and technology
- Before and after care available for students
- Pathway to CREC secondary school

For More Information

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Principal

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196 Bloomfield Avenue
West Hartford, CT 06117

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Families do not pay tuition to attend magnet schools.

About the CREC Academy of Aerospace and Engineering (Grades 6-12)

The Beginning of a Bright Future in Advanced Mathematics and Science

About the Theme

The CREC Academy of Aerospace and Engineering builds on Greater Hartford's strong engineering, aerospace, science, technology, and mathematics industries by providing students with unique, hands-on, professional experiences, and the confidence to succeed. The school's affiliation with the state's leading aerospace, engineering, medical, and biotechnical companies provide students with opportunities for guest speakers, mentors, project engineering support, independent research, financial support, and summer employment through a summer internship program.

Middle School Experience (Grades 6-8)

In grades six through eight, students explore the academy's themes through field trips, guest speakers, activities in core curriculum subjects, and projects that relate to all aspects of aerospace, engineering, and science technology, engineering, and mathematics (STEM) professions.

In addition to themed education, students receive rigorous instruction in the humanities and core curriculum classes, preparing them for advanced honors courses at the high school level.

The CREC Academy of Aerospace and Engineering enjoys a number of community partnerships that provide students access to hands-on experiences and real-world exposure to the fields of aerospace and engineering. A unique partnership exists with the Kaman Corporation, and the company offers students mentorship opportunities in the divisions of Kaman Aerospace and Kaman Business, Finance, and Data. This gives students guidance from professionals in the field. In addition, a partnership with UConn's engineering program offers students the opportunity to work with mentors in the areas of robotics and exposure to women in engineering.

College Preparation: The High School Experience (Grades 9-12)

High school students in advanced math and science classes are paired with industry internships that focus on their areas of interests. This allows them to explore future careers in aerospace, engineering, biomedicine, advanced mathematics, and science. CREC's high-level elective courses are designed to offer students rigorous alternatives to a traditional secondary experience.

These courses are offered in the areas of medicine, photonics, nuclear chemistry, computer science, engineering design, leadership in science, engineering, and medicine. A host of biological science courses and advanced mathematics electives beyond calculus are also available. Through the robotics programs, state-of-the-art research labs, and independent capstone research, students regularly apply classroom lessons to real-world situations.

The CREC Academy of Aerospace and Engineering offers industry partnerships, theme-based career pathways, and a rigorous core curriculum for students. Students gain skills and experiences in STEM that prepare them for college and high-demand professional careers. Focused student success plans allow students to enter competitive undergraduate programs that match their aptitudes, interests, and goals.

I want to be...



About our New State-of-the-Art Building

At the start of the 2015-2016 school year, the CREC Academy of Aerospace and Engineering is expected to move into a new state-of-the-art building at 1101 Kennedy Road in Windsor. With more than 150,000 square feet of unique features and educational spaces that will bring the aerospace and engineering theme to life, students will participate in hands-on experiences in science, technology, engineering, and mathematics. Unique features include:

- Six middle school labs (three science; one engineering; one manufacturing; and one digital engineering)
- Three high school engineering labs (engineering, aerospace, and manufacturing)
- Seven high school science labs (two physics; two biology; two chemistry; and one earth and space science)
- Four independent student research labs
- RC plane runway and rocket launch pad
- Full gym and soccer field

CREC Academy of Aerospace and Engineering

Special Features

- Instruction by a staff of leading scientists and engineers
- Partnerships with the area's leading aerospace, engineering, and biotechnical industries
- Theme-based career pathways and internship program
- Advanced Placement courses
- Field study experiences in advanced science and mathematics
- Relationships with career mentors and guest speakers
- Hands-on learning experiences
- State-of-the-art facility under development in Windsor, Connecticut
- Interscholastic sports
- Recognized in 2014 as U.S. News and World Reports No. 1 secondary school in Connecticut and No. 15 best secondary school in the nation
- Recognized as a 2014 School of Distinction by Magnet Schools of America

For More Information

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Families do not pay tuition to attend magnet schools.

About the CREC Greater Hartford Academy of the Arts Middle School (Grades 6-8)

Arts-Infused Curriculum

About the Theme

The CREC Greater Hartford Academy of the Arts Middle School features an integrated learning environment for students that combines a rigorous core curriculum with intensive instruction in the arts.

The Arts-Integrated Experience

Using a unique balance between a challenging core and arts curriculum, students have the opportunity to further explore vocal and instrumental music, dance, theatre, creative writing and digital and visual arts. The experiences children develop at the school prepare them for more advanced level work at the CREC Greater Hartford Academy of the Arts, which strives to prepare students for college and a professional career in the arts. Unique to the Arts Academy experience is the opportunity for students to participate in at least 80 minutes of art instruction daily. There are also additional opportunities during the day and after-school. In addition to arts instruction, students receive a rigorous set of core classes to help prepare them for higher education.

The Arts Academy Continuum

Students attending the CREC Greater Hartford Academy of the Arts Middle School have the unique opportunity to experience an arts-integrated curriculum from preschool to grade 12. Students experience a pathway from the CREC Ana Grace Academy of the Arts Elementary School and a pathway to the CREC Greater Hartford Academy of the Arts. This preschool through grade 12 continuum allows students to build on their knowledge as they travel through each academy, preparing them for higher education and advanced art curricula.

A Dedicated Community of Lifelong Learners

At the CREC Greater Hartford Academy of the Arts Middle School, students and staff foster each other's learning through a professional learning community that focuses on three big ideas: high levels of learning for staff and students, a culture of collaboration, and a focus on results. The students and staff at the Academy inspire each other to be lifelong learners in all areas of study.

I want to be...



CREC Greater Hartford Academy of the Arts Middle School

Special Features

- Extensive opportunities for training in the arts with a balance between technique and creativity
- Wide-ranging variety of offerings in the arts in each grade
- Unique opportunity to learn from both artist instructors and certified teachers
- Professional quality arts facilities and technology
- College preparation opportunities for all students
- Spanish instruction at every grade level
- Emphasis on common core learning in all classrooms
- Direct pathway from the CREC Ana Grace Academy of the Arts Elementary School and to the CREC Greater Hartford Academy of the Arts High School
- A caring community centered around positive behavior in a professional learning community focused on the celebration of student achievement

For More Information

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Bo Ryan
Principal

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Hartford, CT 06106

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About the CREC Greater Hartford Academy of the Arts (Grades 9-12)

Where Students Seek a Path and Explore Opportunities in the Arts

About the Theme

The CREC Greater Hartford Academy of the Arts is a vibrant and diverse community that immerses high school students interested in the arts in a professional, highly structured, and academically rigorous curriculum. This diverse community of students is committed to intense training in visual arts, musical theater, creative writing / media arts, theater, dance, technical theater and design, and instrumental and vocal music. The full-day curriculum at the CREC Greater Hartford Academy of the Arts features a unique infusion of college preparatory core academic classes and classes focused on the arts.

College Preparation: The High School Experience

For more than 25 years, the focus of the CREC Greater Hartford Academy of the Arts has been on developing the fullest academic and artistic potential in all students, encouraging them to be creative, engaged citizens and preparing them to pursue careers in the arts.

Working daily with professional artists and highly-trained teachers, students explore their creative abilities, are challenged to produce works of art, and perform at high levels. An artist-in-residence program brings outstanding artists to the academy for master classes and presentations that enrich the curriculum and provide a realistic perspective on careers in the arts.

Students enroll in either a full-day or half-day program that is located on two campuses in Hartford: the Learning Corridor (adjacent to Trinity College) and the Colt-Gateway complex. The full-day program provides students with a rigorous academic curriculum and training in the arts. Students have the opportunity to participate in college preparatory opportunities through honors and Advanced Placement courses. After students audition and are placed in a major within the arts departments, they have the opportunity to take a variety of courses in their art form and electives in other art forms.

I want to be...

CREC Greater Hartford Academy of the Arts

Special Features

- Theme-based career pathways
- Instruction by a staff of highly-trained artists and faculty
- State-of-the-art classrooms and performance spaces
- Advanced Placement courses
- Field study experiences in the creative arts
- Relationships with career mentors and guest speakers
- Hands-on learning experiences
- Direct pathway from the CREC Greater Hartford Academy of the Arts Middle School
- Recognized as a 2014 School of Distinction by Magnet Schools of America
- Named the 2014 No. 1 Connecticut Magnet School by Hartford Magazine Reader's Poll
- Named the 2014 Outstanding Arts School Award recipient by the Arts School Network

For More Information

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CREC Greater Hartford Academy of Mathematics and Science

About the CREC Greater Hartford Academy of Mathematics and Science (Grades 9-12, half-day program)

An Early Start to a Career in Math and Science

About the Theme

The CREC Greater Hartford Academy of Mathematics and Science features a highly-competitive science and mathematics curriculum for students in grades 9 through 12 taught through unique methods and the integration of state-of-the-art technology. Real world applications of science and math empower students with knowledge, confidence, and motivation that extend beyond the classroom.

College Preparation: The High School Experience (Grades 9-12)

Students enrolled in this half-day academy take advanced-level courses and are instructed by highly-skilled mathematicians and scientists. The school's strong community partnerships allow students to participate in career shadowing, internships, and field studies with the nation's industry leaders. In addition to the rigorous science and math curriculum at the academy, students receive core academics in their home school districts.

As a part of the NASA Explorer School network, the CREC Greater Hartford Academy of Mathematics and Science students participate in several video conferences and learning sessions with astronauts, rocket scientists, and engineers from NASA and industry partners. Students collaborate with the academy's two CREC partner schools to make connections across the kindergarten through grade 12 continuum.

I want to be...



CREC Greater Hartford Academy of Mathematics and Science

Special Features

- Theme-based career pathways and internship program
- Instruction by a staff of leading scientists and mathematicians
- Status as a NASA Explorer School
- Advanced Placement courses
- Partnerships with the area's leading aerospace, engineering, and biotechnical industries
- Field study experiences in advanced science and mathematics
- Relationships with career mentors and guest speakers
- Hands-on learning experiences
- Use of state-of-the-art technology and research laboratories
- New state-of-the-art facility under construction on Kennedy Road in Windsor, CT

For More Information

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Principal

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About the CREC Medical Professions and Teacher Preparation Academy (Grade 6-12)

Academic and Hands-on Preparation for Careers in Medicine and Education

About the Theme

The CREC Medical Professions and Teacher Preparation Academy blends a rigorous core curriculum with a focus on the knowledge and skills necessary for success in the fields of medicine and education. By offering the opportunity to work with and learn from professionals in their fields, students gain first-hand experience in real-world settings that include hospitals, clinics, research facilities, and laboratory classrooms. The new facility was designed to incorporate extended opportunities for theme-based learning in both the education and healthcare fields.

College Preparation: The CREC Medical Professions and Teacher Preparation Academy Experience

The CREC Medical Professions and Teacher Preparation Academy blends a rigorous core curriculum with a focus on a career in medicine or education. The focused theme provides students exposure to the fields of medicine and education through field studies and career shadowing in Greater Hartford's leading hospitals, research facilities, universities, and educational institutions.

The curricula in grades six through eight feature interdisciplinary units of study, which incorporate project-based learning and coursework designed to provide exposure to Advanced Placement classes through the AP Springboard program. This approach to learning provides students with the opportunity to explore a complex question, problem, or challenge, conduct extensive research, and present findings to a variety of audiences. These rigorous experiences help students master key academic content while practicing the 21st Century skills of collaboration, critical thinking, and communication. Students master the key concepts necessary to excel in high school.

In grades nine through 12, students participate in theme-specific classes that provide them with a broad exposure to their chosen theme. Core academic classes are offered through the College Board's Advanced Placement program providing rigorous college preparatory opportunities and a high degree of college and career readiness.

Both middle and high school students participate in hybrid online and in-house classes through a web-based learning portal. Through this portal, students expand their connection to content and simultaneously reinforce 21st Century learning skills.

I want to be...



About Our Building

The CREC Medical Professions and Teacher Preparation Academy is housed in a new, state-of-the-art, theme-specific building that features:

- Dedicated theme-related instructional spaces, including a medical simulation classroom suite and laboratory preschool classrooms
- State-of-the-art science classrooms, including a dedicated room for biotechnology
- Large lecture hall with full screen video conferencing capabilities
- Full-size gymnasium and outdoor soccer field

CREC Medical Professions and Teacher Preparation Academy

Special Features

- Laboratory preschool on site for student teaching exercises
- Wide range of Advanced Placement classes
- Online and virtual learning opportunities
- Partnerships with area hospitals for hands-on medical training
- Field study experiences in medicine and education
- Project-based learning
- Career pathways
- State-of-the-art, theme specific building
- Interscholastic sports

For More Information

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New Britain, CT 06053

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Families do not pay tuition to attend magnet schools.

About the CREC Metropolitan Learning Center for Global and International Studies (Grades 6-12)

An Education for the 21st Century



About the Theme

With the world as their classroom, students at the CREC Metropolitan Learning Center for Global and International Studies prepare for success in both college and careers in the global workplace. The school's specially-designed, global-systems curriculum emphasizes cross-cultural awareness, knowledge of the global dynamic, state of the planet awareness, and understanding of the consequences of human choice. Using state-of-the-art technology, students interact with their peers, individuals, and leaders throughout the world.

The International Studies Experience (Grade 6-12)

Students gain and develop knowledge and conceptual understanding while becoming adept in the skills of research, analysis, interpretation, and communication in all disciplines, contributing to the development of the student as a whole as they move from the middle to the high school curriculum.

At the CREC Metropolitan Learning Center for Global and International Studies, learning extends beyond the classroom through the school's extensive short and long-term field study programs. These programs have brought students to five continents and countless countries. Learning is enhanced through hosting international visitors and foreign exchange students. Students apply their classroom experiences to service learning field study, International Baccalaureate personal projects, and senior Capstone projects.

With global learning as the main focus, students take initiative and enhance their studies through clubs and co-curricular and extra-curricular activities, such as Model United Nations, Student Abolitionists Stopping Slavery, and National History Day. Students are committed to examining the world, their place within that world, and what they can do to make it better.

International Baccalaureate

The CREC Metropolitan Learning Center for Global and International Studies is an authorized International Baccalaureate World School®, offering the Middle Years Programme in grades 6 through 10. The school is in its candidacy year to offer the International Baccalaureate Diploma Programme in grades 11 and 12, beginning in 2015. International Baccalaureate World Schools share a common philosophy—a commitment to high quality, challenging and international education. The CREC Metropolitan Learning Center for Global and International Studies believes this philosophy is important for its students. For more information visit <http://www.ibo.org>.

The CREC Metropolitan Learning Center for Global and International Studies was recognized as one of the top eight magnet high schools in America by the U.S. Department of Education, and it was named as a Magnet School of Excellence by Magnet Schools of America.

I want to be...



CREC Metropolitan Learning Center for Global and International Studies

Special Features

- Extensive Advanced Placement course offerings
- Early College Experience offerings with UConn credit
- Opportunities for international field study
- Interdisciplinary integrated curriculum based on international standards
- International Baccalaureate Middle Years Programme personal project and/or senior capstone project
- Project-based learning
- State-of-the-art facility and technology
- Interscholastic sports
- Recognized by U.S. News and World Reports as the No. 28 best secondary school in the nation and the Silver Award recipient for 2014

For More Information

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1551 Blue Hills Avenue
Bloomfield, CT 06002

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Families do not pay tuition to attend magnet schools.

About the CREC Public Safety Academy (Grades 6-12) *Focused Preparation for College and Careers in Law Enforcement, Fire Sciences, and Government & Homeland Security*

About the Theme

As a values-driven school community, the CREC Public Safety Academy prepares servant leaders of the community for success in college and careers with focused and rigorous training in professions that ensure the safety, security, and wellness of the community. The Academy offers students exploratory opportunities followed by dedicated learning progressions in three schools: The School of Law Enforcement, The School of Fire Sciences and Emergency Medicine and The School of Law, Government, and Homeland Security. All CREC Public Safety Academy students participate in an after school program that focuses on academic enrichment and public safety themes with instructors from the public safety field who have real world experience.

Preparation for the Future: The CREC Public Safety Academy Experience

At the CREC Public Safety Academy, individual student commitment promotes community achievement. Aligned with public safety career expectations and workplace cultures, the school culture is structured to promote the development of interdependent student camaraderie, self-discipline, ethical leadership, and devotion to community. In their academics, field experiences, and community leadership, CREC Public Safety Academy students constantly exhibit an esprit de corps that celebrates tenacity, accomplishment, courage, community wellness, and the triumph of justice.

In addition to core academics, the CREC Public Safety Academy offers middle school students access to exploratory theme classes in all three focus areas. Courses such as “Technology in Public Safety”, “You and the Law”, “Crime & Justice”, “First on Scene & CPR”, and “Critical Elements of Public Safety (ICS, Haz-Mat)” enable students to discover the diverse opportunities available to them in the public safety arena. At the end of eighth grade, students become eligible to apply for admission into one of three specialized schools: The School of Law Enforcement, The School of Fire Sciences and Emergency Medicine and The School of Law, Government, and Homeland Security.

Within these specialized schools, students have access to high-level, area-focused courses, including college-level courses at partner universities and Advanced Placement course opportunities. Topics include criminal justice, forensic science, EMS systems, effective communication for public safety personnel, crime scene and accident reconstruction, internship in law and government, and fire science.

About Our New State-of-the-Art Building

The CREC Public Safety Academy is housed in a new state-of-the-art building in Enfield. With unique features and educational spaces that bring the theme to life, students are able to participate in hands-on experiences in fire sciences, emergency management, emergency medicine, homeland security, law enforcement, and law and government. These theme-specific learning spaces include:

- Crime scene lab & mock-up rooms
- Fire sciences lab
- Specialty wet lab
- Fire sprinkler test booth
- EMS lab with an ambulance

I want to be...



CREC Public Safety Academy

Special Features

- Partnerships with the area's leading law, forensic, and public safety agencies
- Opportunities to obtain relevant public safety career certifications, including but not limited to CPR and First Aid Certification, IS-100 Certification (Introduction to Incident Command System), IS-200 Certification (ICS for Single Resources and Initial Action Incidents), and IS-700 Certification (National Incident Management System, an Introduction)
- College-level courses at partner universities
- Advanced Placement courses
- Field-based internships in student-selected areas of public safety
- Career mentorship opportunities with experts in the field
- State-of-the-art equipment, technology, and learning environments
- Interscholastic sports

For More Information

Please contact:

860-253-0274 or visit
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1617 King Street
Enfield, CT 06082

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Families do not pay tuition to attend magnet schools.

About CREC Two Rivers Magnet School (Grades 6-12) *Science, Technology, Engineering and Mathematics*

About the Theme

CREC Two Rivers Magnet School is a dynamic and diverse science and technology-based learning community that is centered within an environmental theme. The school is committed to providing an engaging, rigorous, and relevant program of study through the infusion of environmental science and engineering into the core curricula. Through cutting edge opportunities, our students explore, engage, and learn about what it means to be an environmental leader. Students are both inspired and prepared to meet the challenges of the 21st Century through a robust academic program where collaboration, innovation, and critical thinking skills ensure that our students are college and career ready.

The STEM Experience

At the middle and high school level, teachers teach the 5E Model of Inquiry to help students build upon prior knowledge and experience, construct meaning, continually assess their understanding of a concept, examine problems, and make informed decisions concerning society's relationship with the environment.

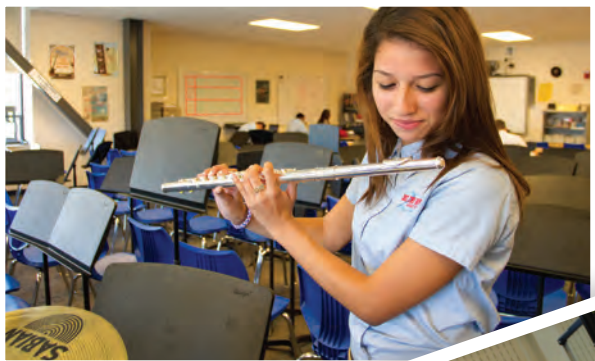
Two Rivers Magnet Middle School offers encore classes that are science and technology based. It also offers courses such as exploratory science, think tank, pre-engineering, sustainability, environmental ethics, hydroponics, game design, animation, production videos, and high-level technology skills. Students also have a hands-on experience as they explore many of the properties of simple machines in the robotics and pre-engineering course. Through the use of LEGOs and other building materials, students create, learn, and problem solve. In addition to an emphasis on science and technology, students have a full middle school program available to them, including art, music, physical education and health, technology education, and foreign language.

CREC Two Rivers Magnet High School builds upon knowledge of advanced mathematics and science taught at the middle school. Students have the opportunity to participate in areas of study that include robotics, engineering, biotechnology, aeronautics, environmental studies, water ecology, environmental justice, and green technologies. This highly-competitive college preparatory school ensures that students take Advanced Placement and college-level courses, while also benefitting from university and community partnerships.

Community Partnerships

At CREC Two Rivers Magnet School, community partnerships play a significant role in providing unique opportunities for students. CREC Two Rivers Magnet School shares an exciting partnership with The Connecticut Science Center. Through that partnership students have the opportunity to engage in STEM-related activities that build on foundational knowledge of energy and energy transformations and move to an understanding of alternative energy sources, planning energy efficient communities, and fuel cell technologies. Students conduct hands-on classroom activities at the school and the science center, participate in facilitated activities with energy-related exhibits and building functions at the science center, and visit select energy-related STEM companies as part of the experience.

I want to be...



CREC Two Rivers Magnet School

Special Features

- Partnerships with the area's leading science industries
- Field study experiences in advanced science and technology
- Relationships with career mentors and guest speakers
- Hands-on learning experiences
- State-of-the-art technology in the classroom
- 1-to-1 student laptop use
- iPads
- E-readers
- Interscholastic sports
- Recognized as a 2014 Magnet School of Excellence by Magnet Schools of America

For More Information

Please contact:

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