

WHAT IS A SCHOOL OF ARTS & SCIENCE?

Glacier Hills Elementary offers an interdisciplinary approach to a rigorous core curriculum. Students engage in innovative and challenging instruction designed to enhance their natural curiosity and creativity. Teachers empower students to inquire, express and discover their unique abilities through a variety of experiences. Additional in-depth study of scientific concepts through authentic lab opportunities and quality integration of the arts provide students with a differentiated academic environment. Our media resource center, computer lab, 3D printers, laser cutter and wireless mobile labs extend the learning for all students.

Glacier Hills Elementary is a dynamic learning environment dedicated to meeting the needs of each learner. Our students learn respect for one another and embrace the differences among us while celebrating our common elements of humanity.



AT THE CORE...

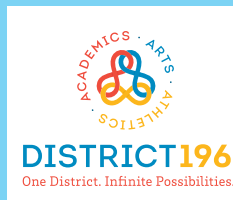
Glacier Hills School of Arts & Science proudly offers core curriculum with arts and scientific inquiry infused throughout the day. Our project-based approach gives students the opportunity to learn not just alongside one another, but through and from their peers, resulting in students who think creatively, communicate cross-culturally and develop empathy for their peers. In addition to the focus of arts and science woven into each day, students continue to receive rigorous instruction in:

Language arts, which includes reading, writing, listening, speaking, word study and handwriting. Students knowledge and skills are acquired through Units of Study encompassing content areas such as social studies and science.

Math, which includes concepts such as numbers and operations, algebra, geometry, measurement, data analysis and probability. Students engage in problem solving, reasoning and communicating ideas while making connections to the world around them.

Glacier Hills Elementary School of Arts & Science

3825 Glacier Drive • Eagan, Minnesota 55123
651-683-8570 • www.district196.org/gh
Student day: 9:25 a.m. to 3:45 p.m.



District 196 does not discriminate in employment or in any of its programs and activities, including vocational opportunities, on the basis of race, color, creed, religion, national origin, sex, marital status, status with regard to public assistance, familial status, membership or activity in a local human rights commission, disability, sexual orientation, age or genetic information. District 196 provides equal access to designated youth groups. The Director of Human Resources, Tom Pederstuen (651-423-7859 – tom.pederstuen@district196.org) has been designated to respond to employment-related inquiries regarding the non-discrimination policies including Title IX. The Director of Elementary Education, Sally Soliday (651-423-7782 – sally.soliday@district196.org) and the Director of Secondary Education, Dr. Mark Parr (651-423-7712 – mark.parr@district196.org) have been designated to respond to student-related inquiries regarding the non-discrimination policies including Title IX. The Director of Special Education, Mary Kreger (651-423-7629 – mary.kreger@district196.org) has been designated to respond to inquiries concerning the rights of a student with a disability (504 Coordinator). The mailing address for all directors is 3455 153rd Street W, Rosemount, MN 55068.

10/18:??500

Creativity, curiosity and innovation

Independent School District 196

Rosemount-Apple Valley-Eagan Public Schools

Glacier Hills Elementary



SCHOOL OF
ARTS & SCIENCE

SCHOOL DISTRICT 196
MAGNET
school

ART

Create, Design, Imagine...

- Visual arts studio with specialized instruction
 - Multimedia arts incorporates digital art and literacy
 - A variety of media used to produce artwork
 - Reflective art journals
 - Study of artists and artistic styles
 - Content and instruction linked to classroom curriculum
 - Art used as a communication tool to learn about history and understand cultures
 - Student inquiry on historical and contemporary artworks
 - Community-based installations
 - Original artworks in a variety of traditional and screen-based media
 - Integration of technology through mobile labs and iPads
- Spring student art fair and student artwork continually on display

Create, Perform, Respond...

- Vocal and instrumental instructional areas with vocal, string and band specialists
 - Orff instruments, hands-on musical exploration, voice, recorders, improvisation, composition, world drums, authentic international instruments, guitars, dance
 - Grade-level music performances
 - Speaking, singing and movement
 - Da Capo Choir
 - Fifth grade band: small group lessons, full band, small ensembles and jazz music with beginning improvisation: flute, oboe, clarinet, saxophone, trumpet, French horns, trombone, euphonium, and percussion
 - Third through fifth grade strings program: violin, viola, cello and double bass

SCIENCE ~ INQUIRE, INVESTIGATE, DISCOVER...

- Intriguing real-life science exploration that enriches and supports state and national standards
- Use of natural areas found on school grounds including: rain garden, school forest and school prairie for observations and investigations
- Firm foundation in fundamentals of scientific process and engineering design principles
- In-depth studies using inquiry and observation
- Technology and writing integrated in science inquiry and student presentations
- Science Lab/ STEAM Room with specialized instructor
- Girls and Engineering Day

At a glance...

Kindergarten: Introduction to science tools and skills including observation, properties and classification, taught in the context of: movement, man-made vs. nature and living things. Inquiry and engineering projects are introduced as well.

First Grade: Soil collection and observation problem solving experience; engineering construction project and insect inquiry project

Second Grade: Large-scale plant model construction with appropriate tools; car safety engineering project with models; insulation engineering design challenge

Third Grade: Sound engineering project integrated with art; light and shadows inquiry investigation; solar system observations with models and mobile planetarium; squid, fish and flower dissections

Fourth Grade: Water tower engineering design challenge; earth materials engineering design challenge; integrated electricity and art design challenge, bacteria inquiry investigation

Fifth Grade: Exploration of schoolyard environment inquiry investigation, Elwah River model erosion investigation, science fair

SPECIAL FEATURES ~ INTERACT, CONNECT, EXPLORE ...

- Frequent off-site learning opportunities: Science Museum of Minnesota, Minnesota Zoo, Minneapolis Institute of Arts, Children's Theater, Minnesota Center for Book Arts, water treatment plant, Minnesota Arboretum, Caponi Art Park
- Rooms featuring SMART Boards and projectors
- Think, imagine, create, craft and print with our two state-of-the-art 3D printers
- Computer lab, three mobile labs and iPad lab for student learning
- Design, engineer and produce with our laser cutter technology
- Comprehensive and up-to-date media resources and book collections with media specialist instruction
- Artist-in-residence: watercolor, Heart of the Beast, music, theatre company, and book making
- On-site residencies: Science Museum of Minnesota, Caponi Art Park, CLIMB Theater, Youth Frontiers, Bell Museum of Natural History
- International Peace Site
- Responsive classrooms for community building
- Extended Day activities with magnet focus including utilizing our outdoor classroom, the arts, digital cameras, as well as LEGO League
- Partnerships and resources: Science Museum of Minnesota, Caponi Art Park, Glacier Hills Site Council/ Booster Club, Minnesota Science House, Minnesota Arboretum and Minneapolis Institute of Arts, Master Naturalist Explorer Program, Minnesota School Forest
- Art Adventure with the Minneapolis Institute of Art

