

GEMS & GISE

Summer STEM Academy

June 18 – August 2, 2018

(Week of July 4th Off)



K-4 STEM Course Offerings:

Amazing Structures: Bridges & Towers

Design and construct a variety of bridges and towers while exploring force.

Drumming and Guitar

Designing and building musical instruments plus an introduction to playing percussion and strings is another note on our STEM scale.

Engineering the Ride

Explore Minneapolis' many bike trails and learn about the simple machines and mechanisms that make our bikes work.

Studio

Writing and composing music using electronic keyboards and computer programming with Garage Band is the key to this music exploration.

Robotics

Design, construct and program Lego robots to do things autonomously.

STEM in the Gym

A kinesthetic and active way to engage in science, technology, engineering and mathematics while building teamwork skills in the gym.

SOAR

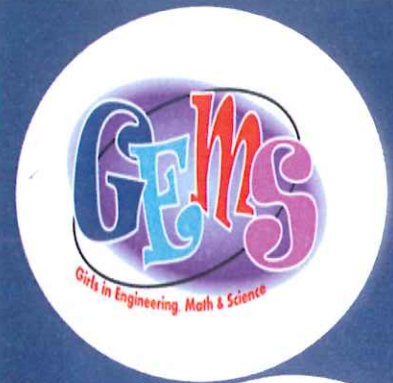
The sky is the limit as we explore the principles of flight while building things that SOAR.

Art by Design

Weebly Animation, animatronics with Rob Ives and Claymation bring design and art to life.

Tech 4 Boyz / Tech 4 Girlz

Movie making, LEGO Story Starters, Hue Animation and coding (using Scratch & Scratch Jr.) support student's computational thinking and creative problem solving.



Join Us for a Great Summer!

GEMS & GISE invites all Minneapolis Public School students currently in grades K-4 to register for Summer STEM Academy!

- June 18 – August 2
- 9:00AM-3:30PM
- Mondays-Thursdays
- No classes week of July 4th
- Programming is located at Andersen United Community School

Registrations available in your school office!

For more information please contact **Melinda Stapley** at melinda.stapley@mpls.k12.mn.us
Anne Lewerenz at anne.lewerenz@mpls.k12.mn.us
Elizabeth Bortke at elizabeth.bortke@mpls.k12.mn.us