Welcome to Louisa Boren STEM K – 8
A Seattle Public Schools Option School

“My children and their classmates get so excited about their projects. I love seeing the creativity of the students and their teachers in this school.”
— STEM K – 8 parent

STEM K – 8 Vision
Louisa Boren STEM K-8 Scholars:
• Grow 21st Century readiness in a community that values equity, sustainability, and the whole child.
• Develop rigorous STREAM skills to ask and answer audacious questions.
• Use Project Based Learning to tackle real world challenges.

Explore the Louisa Boren STEM K – 8 Vision:
https://stemk8pta.org/about-our-school/stem-k-8-vision/

Academics at Louisa Boren STEM K – 8
• Rigorous Common Core Math
• Advanced mathematics track for all students
• Project Based Learning (PBL)
• Integrated Technology: Creation, Collaboration, Communication, Research
• Curriculum built on Next Generation Science and Engineering Standards
• Balanced Literacy Model
• Sound Partners, Leveled Literacy Intervention for struggling primary readers

Enrichment Programs
• Performing Arts
• Instrumental Music
• Physical Education
• School-wide Positive Discipline + RULER

Before- and After-School Programs
• Drama
• Robotics
• Programming
• Carpentry
• Choir
Focus on STEM
STEM K – 8 is developing curriculum based on STEM subjects:
Science: Teachers use Next Generation Science Standards to create a backbone for integrated curriculum.
Technology: Students use technology to create, communicate, and connect with a larger community on a regular basis.
Engineering: Students use design and analysis principals to construct and test solutions for real world problems.
Mathematics: All students use Eureka Math and are being prepared for advanced math courses.

Project Based Learning
Project Based Learning (PBL) is a teaching method in which students gain knowledge and skills by working for an extended period of time investigating and responding to a complex question, problem, or challenge. Some key elements of PBL include student choice, in-depth inquiry, and work that includes a public audience.

Families are Active Partners
STEM K – 8 families are essential partners in learning at STEM K – 8. Their engagement and support is evident in all aspects of the school. Our families formed the original advocacy and design team which started the school, and were instrumental in creating a K – 8 Pathway. An active PTA provides advocacy, support, and funding for school initiatives. Involved parents help support their children's STEM interests and research at home.

For more information about STEM K-8’s unique programs:

School website:
www.borenstemk8.seattleschools.org

PTA website:
www.stemk8pta.org

Facebook:
@STEMK8

Follow moments in STEM K-8 learning on Twitter @PrincipalOstrom and other thoughts at principalostrom.wordpress.com

Other programs within our building:

Seattle Preschool Program
www.seattle.gov/education
206-386-1050

YMCA Before and After school care
www.Ykids.org
206-512-7662

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