

THE SHELDON SOLID MUSIC PROJECT

STEAM PROFESSIONAL DEVELOPMENT DAYS



July 28, 9 a.m. - Noon
July 29, 1 - 4 p.m.

Sheldon Concert Hall & Art Galleries
3648 Washington Blvd., St. Louis, MO

The Sheldon Arts Foundation is pleased to offer professional development for educators. The Sheldon SOLID (Science of Learning Instrument Design) Music Project is a STEAM-based program, underwritten by The Boeing Company and supported by the St. Louis Science Center, that challenges students to design and create their own musical instruments by following the steps of the engineering cycle. Students will receive instruction from St. Louis Science Center and Sheldon staff and will learn about the connected worlds of sound, science and art. This program is designed to get students excited about creative problem solving by combining the creativity of the arts with STEM disciplines.

Attendance is FREE of charge

Contact Katelyn Galenski at kgalenski@thesheldon.org to register!

Itinerary:

- * Introduction to STEM/STEAM and the STEM/STEAM cycle - Dr. Ray Wicks
- * Science of Sound - St. Louis Science Center
- * Visual Art Component - Dr. Aurelia Hartenberger
- * World Music Instruments - Dr. Aurelia Hartenberger
- * Teacher Engagement - teachers engage in STEM/STEAM cycle and create a unique music instrument with recycled and re-purposed materials provided
- * Teachers will receive a certificate and curriculum materials to take back to their classrooms

