

# THE SHELDON SOLID MUSIC PROJECT

## STEAM PROFESSIONAL DEVELOPMENT DAYS



# January 21 at 4 p.m.

## Join us on Zoom for this virtual session!

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 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](mailto: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
- \* World Music Instruments and Visual Art Component
- \* The SOLID Challenge and Classroom Resources
- \* Teacher Engagement Activity - teachers engage in STEM/STEAM cycle and show and tell their unique sound creations
- \* Teachers will receive a certificate and curriculum materials to take back to their classrooms

