

# THE SHELDON SOLID MUSIC PROJECT

**SOLID** (Science of Learning Instrument Design) is a STEAM-based program, 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.

## SOLID is a three-step process:

1. Bring your students to the Sheldon to see “Good Vibrations: The Science of Sound” or request a St. Louis Science Center representative to visit your school for **FREE**.
2. Implement SOLID curriculum, provided by The Sheldon, into your classroom. Teaching artists are available to assist in your classroom. Teachers are encouraged to devote 3-6 class periods to the project.
3. Submit your students’ instruments to be displayed at The Sheldon for the spring reception. *Instruments will be selected by April 10th.*

To sign up for The Sheldon SOLID project, visit [TheSheldon.org](http://TheSheldon.org)

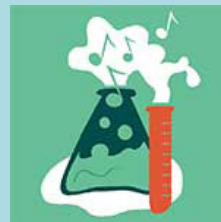
For more information, contact Katelyn Galenski at [kgalenski@thesheldon.org](mailto:kgalenski@thesheldon.org) or 314.533.9900 ext. 33



## NEW this Season!

## GOOD VIBRATIONS: THE SCIENCE OF SOUND

Co-presenting with the Saint Louis Science Center, The Sheldon presents an interactive program with live demonstrations, experiments, music and audience participation, exploring the fundamentals of sound.



Recommended for Elementary - Middle School

Tickets are \$4 per student.

For every 10 paid student tickets, chaperones receive one free ticket!

**FREE** STEM/STEAM Professional Development training and other teacher workshops are also available!

Visit [TheSheldon.org](http://TheSheldon.org) for more info.