

THE SHELDON SOLID MUSIC PROJECT



SOLID (Science of Learning Instrument Design) 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.

All SOLID programming will be offered virtually this year!

Through this FREE program, students will learn about the science of sound, instrument design, and the engineering cycle through fun and interactive online demonstrations.

Virtual learning opportunities include:

A 45 minute Zoom demonstration on the “Science of Sound” given by a St. Louis Science Center representative. Q&A and student participation involved!

A 45 minute Zoom classroom session with a Sheldon teaching artist to assist in the instrument design and build.

New this year! The Sheldon will provide supplemental topical videos relating to sound, instrument design and acoustics, produced by the St. Louis Science Center.

Implement SOLID curriculum into your classroom!

Curriculum provided by The Sheldon. Teachers are recommended to devote 3-6 class periods to the project for best results. Submit your students' instruments to be displayed at The Sheldon for a spring exhibit and reception (*date and format to be determined by health and safety regulations*)

Made possible by  **BOEING**

Supported by  **SAINT LOUIS
SCIENCE CENTER**

Get started with SOLID!

Register at TheSheldon.org/solid or e-mail

Katelyn Galenski at kgalenski@TheSheldon.org

