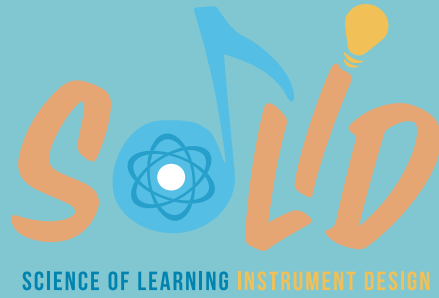


THE SHELDON



PROJECT

SOLID (Science of Learning Instrument Design) is a STEAM program, underwritten by **The Boeing Company** and supported by the **Saint Louis Science Center**, that challenges students to design and create their own musical instruments from recycled materials by following the steps of the engineering cycle.

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

SOLID learning opportunities include:

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

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

The Sheldon will provide supplemental topical videos relating to sound, instrument design and acoustics, produced by the Saint Louis Science Center.

Implement SOLID curriculum into your classroom!

Curriculum and free professional development 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)

Get started with SOLID!

Register at TheSheldon.org/solid or e-mail Katelyn Galenski at kgalenski@TheSheldon.org for virtual and in-classroom opportunities.

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