



American Guild of
ORGANISTS

PipeWorks STEAM Initiative

One of the key strategic goals of the American Guild of Organists is to invest in the next generation of organists. With that in mind, the Guild has created a website and guidebook, *PipeWorks STEAM Initiative*, that integrates science, technology, engineering, art, and math to teach young people about the pipe organ, in partnership with Orgelkids USA. Founded in the Netherlands, and with an expanding network in the United States, Orgelkids is an organ education and outreach organization that introduces the King of Instruments to young people and makes the heritage, culture, and music of the pipe organ accessible. Its primary outreach tool is a traveling, reusable kit that allows young children to build a working mechanical-action pipe organ.



This small yet mighty organ is a perfect way to add music to school science curricula, providing the opportunity to integrate the arts and science in schools, libraries, churches, and summer camps. It can also be used as a standalone instrument to engage young people who are studying the piano. Assembling and playing the Orgelkids organ is a fun, hands-on, immersive experience that combines technology and music.

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PipeWorks science projects include creating organ pipes, demonstrating a water-powered organ (hydraulis), and exploring sound waves and vibrations with a tuning fork splash session. While these activities can be done in conjunction with the assembly of an Orgelkids kit, they can also be done independently. (bit.ly/OrgelKids_Guidebook)



Curriculum

Orgelkids USA has created lesson plans, assembly instructions, and a step-by-step poster that can be displayed for storytelling. (orgelkidsusa.org/curriculum)



Excellent lesson plans are also available. (bit.ly/OrgelKids_Lesson)

Orgelkids USA *In my eyes and ears, the organ will forever be the King of Instruments* - Wolfgang Amadeus Mozart

You built this pipe organ, just as these friends are doing here. Using these pictures, tell a story about building the pipe organ. Which steps did you do? Which part did you enjoy most?
 Tú construiste este órgano de viento, justamente como estos amigos están haciéndolo aquí. Usando estas fotografías, contar una historia de construir el órgano de viento. ¿Cuáles pasos hiciste más? ¿Cuál parte disfrutaste más?
 لقد قمت ببناء هذا الأرغن مثلما يفعل أصدقاؤك هنا. باستخدام هذه الصور، احدث قصة عن بناء هذا الأرغن. أي الخطوات قمت بها؟ ما أكثر جزء استمتعت به خلال هذا العمل؟

Are you interested in bringing an Orgelkids kit into your classroom? The AGO has chapters throughout the United States who would love to visit and demonstrate the joy of building and playing this extraordinary instrument. Please email members@agohq.org for more information.

If you are interested in commissioning an Orgelkids kits for your school or organization, please email erin@orgelkidsusa.org.

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www.agohq.org

Your local contact is: