



*"Mini-Opus" created for PipeWorks! Twin Cities by the Dobson Organ Builders of Clear Lake, Iowa, was built with pipes provided by Schantz.*

*Pictured from left are: Lynn Dobson, President, Dobson Organ Builders; Phil Asgian, Chair, TCAGO Education Committee; Melanie Ohnstad, Minister of Music and the Arts/Organist, Westminster Presbyterian Church.*

## PipeWorks! Twin Cities Making it Work in Your Community

### Getting Started What You Will Need to Do

Obtain the curriculum (*Contact information provided inside this brochure*)

Recruit volunteers to build science kits and develop teaching aids

Secure a portable prototype instrument

Recruit and train volunteers to teach in the classroom

Network with local school administrators and teachers to create venues for the program

# PipeWorks! Twin Cities

Introducing the Pipe Organ  
to Young Students



A Collaboration of the  
AMERICAN GUILD OF ORGANISTS  
TWIN CITIES CHAPTER - MINNEAPOLIS - SAINT PAUL

and

WESTMINSTER  
PRESBYTERIAN CHURCH

MINNEAPOLIS

# PipeWorks! Twin Cities

## A Brief Summary

PipeWorks! Twin Cities is an interdisciplinary curriculum for children from 4th to 6th grades. Its purpose is to introduce students to the pipe organ through hearing the music of four composers: J.S. Bach, César Franck, Olivier Messiaen, and John Williams. Science experiments and social studies units augment the children's understanding of the music and the people who composed it. Central to the PipeWorks experience is a prototype instrument that resides in the classroom for two weeks. Through it students learn the components of a pipe organ and have the opportunity to actually play an organ. PipeWorks culminates in a field trip to a selected instrument in the community.

The education committee of the Twin Cities Chapter of the AGO is deeply indebted to the National Headquarters and its support of earlier work done by the Seattle chapter in developing the original PipeWorks.

For further information or to obtain your free copy of the PipeWorks! Twin Cities curriculum, please contact Phil Asgian at [asgianphilip@qwest.net](mailto:asgianphilip@qwest.net) or 651.293.9115.

# PipeWorks! Twin Cities

## The Curriculum

PipeWorks is presented in four 45-minute segments over the course of two weeks. Lessons are taught by volunteers with active support of the classroom teacher.

Students listen to excerpts from Bach's little *Fugue in G Minor*, the *Pièce Héroïque* of César Franck and *Les oiseaux et les sources* of Olivier Messiaen. Colorful teaching aids, listening charts, and movement games help students understand the structure and compositional elements of these pieces.



*Who needs electric blowers, anyway?*



*Voyager time capsule carrying Bach's music to the edge of the heliosphere.*

Interactive science experiments probe the nature of sound through *The Tuning Fork Splash*, *The Ping Pong Jiggle*, *The Wave Box*, and *The Bottle Organ*.

Students construct a "kitchen sink"

version of a hydraulus and see a CBC video showing organ pipes being built.

Social studies units focus on the culture and historic events that shaped the artistic expression of the featured composers.

PipeWorks volunteers visit the classroom dressed as J.S. Bach who explains his adventures as a church musician and that his music has amazingly been launched into space on the Voyager Spacecraft.

Students learn about theatre organs, the Romantic period, and organs in their own community.



*Bach's Thomaskirche in Leipzig, Germany.*