Residencies Offered:

**INSTRUMENTS FROM ORDINARY OBJECTS:** The physics of sound combined with construction techniques to create surprising results from common materials. Students learn the principles of instrument design, construct instruments, and create compositions to perform for an invited audience. Adaptable to all ages. (two instructors)

**PHYSICAL MUSIC AND POLYRHYTHMS IN THE BODY:** The complete integration of body and music. Students will explore locomotor movement, stepping, clapping, gesturing and syllabic counting structure for cross lateral brain activity development. All ages. (two instructors)

**PHYSICAL MATH OR LITERACY IN MOTION:** Division, subtraction, multiplication or poetry and literature animated by dance, physical theater and play. This is fun-filled, whole-body learning. All ages. (instructor-Leah)

**CYCLES IN NATURE, MUSIC AND MOVEMENT:** This workshop explores life cycles and the cyclical nature of days, seasons and planets, as well as the importance of recycling. Music and movement cycles (composition/choreography) are utilized to kinetically and aurally teach these concepts. Adaptable to all ages. (two instructors)

**KINETIC AND MUSICAL SCULPTURE:** Exploring construction techniques and aesthetics of form. It includes historic and contemporary trends. This residency adapts itself to simple construction with younger students or a more complex project in welding with high school students. (instructor-Ela)

**Preferred Age/Grade Level:** K-12

**Supplies, Equipment, Space and Time Considerations:**
Supplies for instrument making are common objects such as jars, balloons, erasers, film vials, etc. Space for movement can be within a classroom with desks pushed aside. We prefer no less than 50 minutes per session.

**Teaching Experience**
Ela and Leah have taught their workshops internationally to participants ages 3-90 years of age over the course of the last 15 years. They have worked locally with Nature Consortium, Arts Corps and Islandwood. Currently Lelavision is in a long term art science collaboration with Emory University Program in Science and Society and the Center for Chemical Evolution. The goal of the project is to create interest and excitement in young people about science and the natural world around them.

**Artist Statement:**
Our favorite question to ask our students is, “If necessity is the mother of invention, what will you invent?” Our main goal when teaching is to inspire invention and creative problem solving in the participants, through the example of Ela’s musical inventions and through the hybrid physical music form Lelavision has created.