

# The Algorythmics

Developed by experts in STEM education and children's entertainment, *The Algorythmics* is an innovative education program that introduces, engages and excites K-5 students, especially girls and minorities, about learning and excelling in STEM. Through the mathematical magic of music, *The Algorythmics* is a technorock band that performs original songs about Arithmetic, Biology, Chemistry, Coding, Computer Science, Engineering, Equations, Geology, Geometry, Logic, Mechanics, Physics, Robotics and the Scientific Method.

Part *Devo*, part *The Eurythmics*, part *Schoolhouse Rock* (and part Einstein), *The Algorythmics* tours and performs live interactive school as STEMblies for the entire K-5 student body. Featuring *Emcee Squared* on the mic with *DJ Loop* mixing the grooves, *Funktion* jamming on the bass and *Hyperbolic* banging the drum machine, this culturally diverse band gets kids pumped about problem solving and introduces them to amazing STEM careers that are within their reach. Throughout the multi-media concert, *The Algorythmics* also lead high-octane activities that demonstrate educational lessons and STEM concepts in a kinesthetic way. After the show, teachers receive a standards-based, interdisciplinary curriculum and staff development training that reinforce and build on what was learned. A pre and post evaluation is included in the delivery model.

#### **Details**

Ages: Children and Youth

Races: All Genders: All

**Intake Process:** Appointment Necessary **Documentation:** No identification needed

**Payment Options:** Free

**Special Needs:** Physical or cognitive disabilities

Waiting List: Never Minimum Age: 5 Maximum Age: 11

Contact: Kellee McQuinn Contact Email: kellee

Capacity: Statewide - California

**Restrictions:** None

#### **Services**

Schools (K-12)

#### **Locations**

## **Alameda County Office of Education**

**Phone:** (510) 887-0152 **Hours:** 8:00am - 5:00pm

Services Limited By Geography: No

### **Parent Organization**

### You(th) Kan, Inc.

You(th) Kan's mission is to improve the health, well-being and educational success of each and every child living in under-resourced communities and to empower the adults in their lives to turn innovative ideas, strategies, and knowledge into practice.

We create positive programming for children that educates, empowers and engages. We develop programs with implementation models that are inclusive and effective. From STEM, to safety, to obesity prevention, our initiatives change children's lives in a meaningful, measurable, memorable way. We ignite young minds with our standards-based interdisciplinary curricula and interactive school assemblies. We energize teachers to take their passion and expertise to the next level in our Staff Development Trainings. We partner with school day, afterschool, enrichment and child-based organizations along with community stakeholders that have a vested interest in our children's futures.

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