

ASSEMBLY COORDINATOR: PLEASE DISTRIBUTE/POST/ANNOUNCE!

ASSEMBLY DATE: _____

ASSEMBLY TIME: _____

FOR: _____



Young
Audiences
Arts for
Learning

Maryland



URGEWORKS
PRESENTS

The Mathematics of Hip-Hop

Urgeworks is a visual performance group that was created in 2003 by a group of Houston residents that grew up in tough inner-city neighborhoods where they encountered drug and gang activity. Instead of taking part in that, they decided to dance and rap as a way to escape these situations. For the past ten years they have dedicated themselves to promoting awareness and positive solutions to issues that plague society using street dance, urban drama, and hip-hop music. The name Urgeworks comes from a sense of urgency to deliver these positive messages in all of their work. Urgeworks have taken their message all over the world to countries such as France, Korea, Japan, New Zealand, Australia, Italy, Russia, Finland, and Denmark. They just recently formed a cultural exchange relationship with U.S. Embassies and have flown out to perform in Azerbaijan, Switzerland, Germany, Peru, Vietnam, and Bolivia. When witnessing an Urgeworks performance, please be prepared to be emotionally touched, for their testimonies are equally as powerful as their dance moves.

- Prep Information For Assembly Coordinator -

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“The Mathematics of Hip-Hop”



PLEASE PASS ALONG THE ATTACHED TEACHER PROGRAM GUIDE TO ALL PARTICIPATING CLASSROOMS.

SET-UP REQUIREMENTS:

- A cleared performance space
- No interruptions during performance (bells, announcements, etc.)
- A table/desk and 4 chairs

ARTIST ARRIVAL TIME: 20 minutes prior to performance

SUGGESTED INTRODUCTION:

“Ladies and Gentlemen, Boys and Girls, let's give a warm welcome to Urgeworks presenting... The Mathematics of Hip-Hop!”

YAMD CONTACT NUMBER: 410.837.7577

INCLEMENT WEATHER: DON'T WORRY! Artists will follow school closings/delays. They will work with you to reschedule the performance if necessary.

AFTER HOURS/EMERGENCY NUMBER: 443.562.5815

Teacher Program Guide



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“The Mathematics of Hip-Hop”

Artist: Urgeworks

GRADE
LEVEL:
1-5

Inside this guide:

Artist Bio
Performance
Description
VSC Connectors
Vocabulary
List of Resources
Post-Performance
Activities

Contact Young
Audiences for more
information on this
and other programs.

410.837.7577
www.yamd.org

Artist Bio

Urgeworks is a visual performance group that was created in 2003 by a group of Houston residents that grew up in tough inner-city neighborhoods where they encountered drug and gang activity. Instead of taking part in that, they decided to dance and rap as a way to escape these situations. For the past ten years they have dedicated themselves to promoting awareness and positive solutions to issues that plague society using street dance, urban drama, and hip hop music. The name Urgeworks comes from a sense of urgency to deliver these positive messages in all of their work. Urgeworks have taken their message all over the world to countries such as France, Korea, Japan, New Zealand, Australia, Italy, Russia, Finland, and Denmark. They just recently formed a cultural exchange relationship with U.S. Embassies and have flown out to perform in Azerbaijan, Switzerland, Germany, Peru, Vietnam, and Bolivia. When witnessing an Urgeworks performance, please be prepared to be emotionally touched, for their testimonies are equally as powerful as their dance moves.

Performance Description

“The Mathematics of Hip-Hop” explores the role that math and numbers play in the elements of hip-hop, reinforcing everyday mathematical concepts and VSC topics.

Maryland Voluntary State Curriculum Connectors

Fine Arts Content Standards in DANCE

1.0 Perceiving and Responding: Aesthetic Education – Students will demonstrate the ability to perceive, perform, and respond to dance.

1. Demonstrate knowledge of how elements of dance are used to communicate meaning

2.0 Historical, Cultural, and Social Context: Students will demonstrate an understanding of dance as an essential aspect of history and human experience.

1. View dances from cultures related to general classroom studies and explain their purposes

3. Identify and interpret themes common to dance and other content areas

Vocabulary

Count: repeated numbers in ascending order

Fraction: a numerical quantity that is not a whole number

Hip-Hop: a culture begun by urban, largely African-American youth in New York in the 1970's that has since spread around the world

Least to greatest: measurement and comparison of quantities

Number: arithmetical value representing a particular quantity.

Rap: chanted verse over a rhythmic background; related to the griots of West Africa

Relative size: how large or small something is as compared to something else

Rhythm: repeated pattern of accented beats



Urgeworks

List of Resources

Primary:

Anno's Counting Book by Mitsumasa Anno

Five Little Monkeys" (song)

Rooster's Off to See the World by Eric Carle (rhyming book)

Ten Hungry Piranhas by William Wise (rhyming book)

Eating Fractions by Bruce McMillan

Fraction Fun by David A. Adler

How Big Is a Foot? by Rolf Myer

Intermediate:

Alexander Who Used to Be Rich Last Sunday by Judith Viorst (humor)

Fraction Action by Loreen Leedy

INTERNET RESOURCES:

www.urgeworks.com

Post-Performance Activities

1. Use the **Vocabulary Resource Sheet** to define and discuss key concepts from the program.
2. Write a "rap" about numbers and fractions. See how many ways you can represent it.
3. **Ideas/Questions for Discussion**
 - A. List characteristics of the dances and moves Urgeworks performed. (timing: fast, slow, pause; use of space: high, low; use of body: head, arms, legs)
 - B. How did the dance movements express Hip-Hop Culture ?
 - C. How is it the same or different than other dance styles?

Vocabulary Resource Sheet

Urgeworks
“The Mathematics of Hip-Hop”



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Count: _____

Fraction: _____

Hip-Hop: _____

Least to greatest: _____

Number: _____

Rap: _____

Relative size: _____

Rhythm: _____



Name: _____ Date: _____