

The Harmony Games

*An interactive and educational work
for narrator and orchestra*

FULL ORCHESTRA

Music and Text by
Yaniv Segal

The Harmony Games
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commissioned by Artis–Naples: The Naples Philharmonic
Andrey Boreyko, Music Director

First Performance (chamber version): September 25, 2018
Daniels Pavilion, Naples, Florida
The Naples Philharmonic,
Radu Paponiu, Conductor

First Performance (full version): October 3, 2021
Hawkins Amphitheatre at Bartley Ranch, Reno, Nevada
The Reno Philharmonic,
Laura Jackson, Conductor

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MATHEMUSICA!!

After fighting for as long as anyone could remember, four families come together through the power of music in *The Harmony Games*.

This educational program for orchestra introduces young concertgoers to the families and instruments that comprise an orchestra while demonstrating numerous ways in which math and music are related.

Although originally intended for elementary students, the program is interactive, inspirational, and fun for all ages.

DURATION

***The Harmony Games* is divided into two sections:**

- I. The Harmony Games (approx. 42 minutes)
- II. Optional Guided Q&A (approx. 6-15 minutes)

NARRATION

- The narrator should be amplified, ideally with a hands-free microphone. Once an accurate level is set, it should not be necessary to mix the balance during performance.
- The narrator should be located where communication with the conductor is possible.
- A stool and music stand with stand light may be provided.
- Narrator Traits: The timing and delivery of the narration is integral to a smooth and effective performance of *The Harmony Games*. An ideal narrator is someone who is comfortable reading music and aware of pacing. A singer or actor with Broadway/show experience would be an example of a desirable candidate – someone who has great stage presence while also recognizing their role in an ensemble.

VISUALS

- *The Harmony Games* may be performed with or without additional visuals.
- Accompanying artwork is available from the composer, provided electronically as a PowerPoint document.
- Slide cues are marked in the Stage Manager's Score.
- If using visuals, it is recommended to project the slideshow above or behind the orchestra, the stage should be darkened, and individual stand lights should be provided to enable greater contrast and visibility of the projections.
- The conductor remains illuminated throughout.

LIGHTING

- For optional dramatic effect, whether using accompanying artwork or not, it is effective to dim lights on stage and use individual stand lights for the musicians and a conductor special on the podium.
- During corresponding musical sections (ex: Strings, Winds, Brass, Percussion), if lighting conditions permit, it is helpful to highlight different sections/musicians of the orchestra.

OPTIONAL Q&A

The Harmony Games may be performed with the Optional Guided Q&A when presented as an educational or family program. The text and examples that are provided may be freely altered based on time constraints or artistic judgement. The contents are as follows:

- I. INTRO. Listening comprehension questions (ca. 1')
- II. Strings. Re-identification of all strings and harp (ca. 1')
- III. Winds. Clarinet followed by Flute and/or Oboe and/or Bassoon (ca. 1-2')
- IV. DYNAMICS. Soft/soli vs. loud/tutti (ca. 1')
- V. Brass. Horns and/or Trumpet and/or Trombone and/or Tuba (ca. 1-2')
- VI. Percussion.
 - a. Shake, Scrape, Strike (ca. 1')
 - b. Re-identification of 6 beats as 3+3, 2+2+2 (ca. 1')
- VII. TEMPO. Fast vs. slow (ca. 1')
- VIII. CONDUCTING. Conducting with 2-4 volunteer(s) from audience (ca. 2-4')
- IX. OUTRO. (ca 1')

NOTE: Some orchestras require performances to be under 50' in total length. If this timing is desirable, it is recommended to do the following sections (marked in CAPS above): Intro, Dynamics, Tempo, Conducting, and Outro. This duration is about 7-8 minutes, is varied, interactive, and engaging, and is an effective musical and educational end to the performance.

OPTIONAL TEACHER MATERIALS

Optional teacher materials are available in PDF format. These include an overall synopsis of *The Harmony Games*, section breakdowns, what to expect from a concert, glossary of terms, discussion topics and questions, and further class activities.

EPISODES FORMAT

Alternate text and library indications are available, by request, to produce *The Harmony Games* in a four-part mini-series where each episode is under 20 minutes.

ORCHESTRAL PARTS

- Full version: use complete orchestral set.
- Chamber version: use subset of winds/brass from the complete orchestral set.
- Percussion: parts differ from Full to Chamber version, both are provided.
- String parts are the same in both versions.

INSTRUMENTATION

Full Orchestra

Narrator

2 Flutes
2 Oboes
2 Clarinets in Bb
2 Bassoons

4 French Horns in F
2 Trumpets in C
2 Trombones
1 Bass Trombone
1 Tuba

Timpani
2 Percussion

Harp

Strings

Chamber Orchestra

Narrator

1 Flute
1 Oboe
1 Clarinet in Bb
1 Bassoon

2 French Horns in F
1 Trumpet in C
1 Trombone
1 Tuba

Timpani/Percussion 2
Percussion 1

Harp

Strings (min 4.4.3.3.2)

PERCUSSION LIST and KEY

Timpani + 2

Timpani

29", 26", 24", 22"

Percussion 1

Drum Kit (Snare*, Bass/Kick Drum*, Hi-hat, Cymbals**, 3 Toms)

Triangle***

Mark Tree

Tambourine

Musical notation for Percussion 1 instruments. The notation is arranged in two staves. The top staff contains: Bass/Kick Drum* (a single note), Toms (a box containing three notes), Snare Drum* (a single note), Hi-hat (a box containing a stick and a foot), and Cymbals** (a single note). The bottom staff contains: Triangle*** (a single note), Mark Tree (a single note), and Tambourine (a box containing 'shake' and 'hit' notes).

* at discretion: small, muffled

** at discretion: crash, splash, susp.

*** high

Percussion 2

Glockenspiel

2 Agogo Bells

Whistle

Slide Whistle

Suspended Cymbal + Bow

Tam-tam

2 Wood Blocks

Guero

Rain Stick

Musical notation for Percussion 2 instruments. The notation is arranged in a single staff. The instruments and their notation are: Glockenspiel (a single note), Agogo Bells (a box containing two notes), Whistle (a single note), Slide Whistle (a box containing a single note), Susp. Cym. bowed (a single note), Tam-Tam (a single note), Wood Blocks (a box containing two notes), Guero (a single note), and Rain Stick (a single note).