

Adventures In Singing: Geek Choir, Reviewed

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@operatic

History of Geek Choir

History of Geek Choir

- Music at OSCON

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- Music at OSCON
 - BOFs

History of Geek Choir

- Music at OSCON
 - BOFs
 - Gibson

History of Geek Choir: OSBridge

History of Geek Choir: OSBridge

- 2009: Unconference session

History of Geek Choir: OSBridge

- 2009: Unconference session
- 2010: Regular session

Goals of Geek Choir

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- Build camaraderie

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- Build camaraderie
- Enhance Teamwork

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- Build camaraderie
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- Shared project

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- Build camaraderie
- Enhance Teamwork
- Shared project
- Expand boundaries

Goals of Geek Choir

- Build camaraderie
- Enhance Teamwork
- Shared project
- Expand boundaries
- Have fun

Geek Choir: Warmups

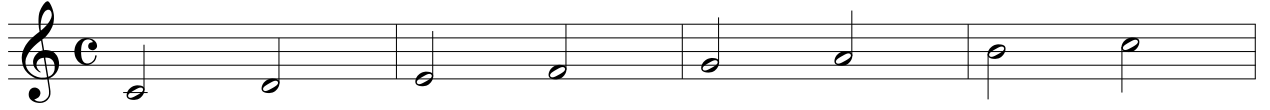
Geek Choir: Warmups

- Pitch matching

Geek Choir: Warmups

- Pitch matching
- Scale

C Scale



Geek Choir: Warmups

- Pitch matching
- Scale
- Geeky Scale Rounds

C Scale



Geek Choir: Warmups

- Pitch matching
- Scale
- Geeky Scale Rounds
- Meow drill

"Meow" Warmup

Score

Voice

8

17

25

Geek Choir: Warmups

- Pitch matching
- Scale
- Geeky Scale Rounds
- Meow drill
- "Tech" chords

Three-Voice Warmup - 1

Score

Traditional
Michael Brewer

The musical score is written for three voices: Soprano, Alto, and Baritone. It is in 4/4 time. The Soprano part uses a treble clef and consists of six whole notes: G4, A4, B4, C5, D5, and E5. The Alto part also uses a treble clef and consists of six whole notes: G3, A3, B3, C4, D4, and E4. The Baritone part uses a bass clef and consists of six whole notes: G2, A2, B2, C3, D3, and E3. The notes are arranged in a parallel motion across the three voices.

Geek Choir: Songs

Geek Choir: Songs

- *Clapping Music* - Steve Reich

Geek Choir: Songs

- *Clapping Music* - Steve Reich
- **Shaped Note**

Geek Choir: Songs

- *Clapping Music* - Steve Reich
- Shaped Note
 - Engineered

Geek Choir: Songs

- *Clapping Music* - Steve Reich
- Shaped Note
 - Engineered
 - **Widely varying literacy**

Geek Choir: Songs

- *Clapping Music* - Steve Reich
- Shaped Note
 - Engineered
 - Widely varying literacy
 - **Widely varying skill levels**

Geek Choir: Songs

- *Clapping Music* - Steve Reich
- Shaped Note
 - Engineered
 - Widely varying literacy
 - Widely varying skill levels
 - **Part stacking**

Geek Choir: Songs

- *Clapping Music* - Steve Reich
- Shaped Note
 - *Wondrous Love*

Score

Wondrous Love

Christopher

Voice 1

Voice 2

Voice 3

The first system of music consists of three staves. The top staff is for Voice 1, the middle for Voice 2, and the bottom for Voice 3. All staves are in 4/4 time and have a key signature of one flat (Bb). The music begins with a whole rest in the first measure, followed by a series of quarter and eighth notes across the next seven measures.

7

The second system of music consists of three staves, each starting with a measure rest labeled '7'. The notation continues with quarter and eighth notes across the next seven measures.

14

The third system of music consists of three staves, each starting with a measure rest labeled '14'. The notation continues with quarter and eighth notes across the next seven measures, ending with a double bar line.

Geek Choir: Songs

- *Clapping Music* - Steve Reich
- Shaped Note
 - *Wondrous Love*
 - *Resignation*

Score

Resignation

Walker

Voice 1

Voice 2

Voice 3

The first system of the score consists of three staves. The top staff is for Voice 1, the middle for Voice 2, and the bottom for Voice 3. All three staves are in 3/2 time and use a key signature of one flat (B-flat). The music begins with a whole rest in each voice for the first two measures. In the third measure, all three voices enter with a half note. The notes are: Voice 1 (G4), Voice 2 (F4), and Voice 3 (E4). The melody continues through the next five measures with various rhythmic patterns and intervals.

6

6

6

The second system of the score consists of three staves, each starting with a measure rest labeled '6'. The top staff (Voice 1) continues the melody from the first system. The middle staff (Voice 2) and bottom staff (Voice 3) provide harmonic support with various rhythmic patterns and intervals.

11

11

11

The third system of the score consists of three staves, each starting with a measure rest labeled '11'. The top staff (Voice 1) continues the melody. The middle staff (Voice 2) and bottom staff (Voice 3) continue their respective parts, maintaining the harmonic structure.

Resignation

16

Musical notation for measures 16-20. The first system consists of a treble clef staff and a bass clef staff. The second system consists of two bass clef staves. The music features a sequence of notes: G4, A4, B4, C5, B4, A4, G4 in the treble staff, and F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5 in the bass staves.

21

Musical notation for measures 21-25. The first system consists of a treble clef staff and a bass clef staff. The second system consists of two bass clef staves. The music features a sequence of notes: G4, A4, B4, C5, B4, A4, G4 in the treble staff, and F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5 in the bass staves.

26

Musical notation for measures 26-30. The first system consists of a treble clef staff and a bass clef staff. The second system consists of two bass clef staves. The music features a sequence of notes: G4, A4, B4, C5, B4, A4, G4 in the treble staff, and F3, G3, A3, B3, C4, D4, E4, F4, G4, A4, B4, C5 in the bass staves. The piece concludes with a double bar line.

Geek Choir: Songs

- *Clapping Music* - Steve Reich
- Shaped Note
 - *Wondrous Love*
 - *Resignation*
- **Song Of A Child**

Song of a Child

A New Original Production



Song of a Child



Geek Choir: Songs


- *Clapping Music* - Steve Reich
- Shaped Note
 - *Wondrous Love*
 - *Resignation*
- Song Of A Child
 - *Sing Me A Song*

Vocal Score

Aria: Main Theme


Music by Michael Brewer
Lyrics by Scout Storey

Aria




Sing me a song, the song of a child. Fly to woods and wa - ters wild.

Raksha



Sing me a song, the song of a child. Fly to woods and wa - ters wild.


Virgil



Sing me a song, the song of a child. Fly to woods and wa - ters wild.


9

A



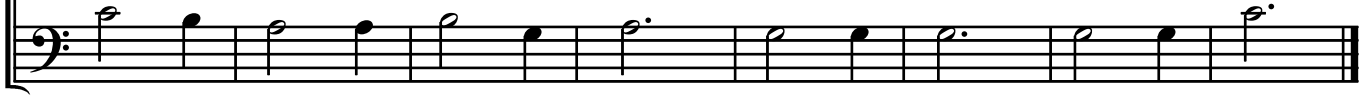
Play a song and sing a rhyme. Sing a child out of time.

R



Play a song and sing a rhyme. Sing a child out of time.

V



Play a song and sing a rhyme. Sing a child out of time.

Vocal Score

Aria: Second Theme

Music by Michael Brewer
Lyrics by Scout Storey

Aria/Echo

Raksha

Virgil

9

A/E

R

V

Geek Choir: Songs

- *Clapping Music* - Steve Reich
- Shaped Note
 - *Wondrous Love*
 - *Resignation*
- Song Of A Child
 - *Sing Me A Song*
- *Dona nobis pacem* - Mozart

Dona nobis pacem

canon a 3 v.i.

W. A. Mozart ¿?

Moderato

I 
 Do - na no - bis pa - cem, pa-cem. Do - na no - bis pa - cem.

I 
 Do - na no - bis pa-cem. Do-na no-bis pa - cem.

II 
 Do - na no - bis pa - cem, pa-cem. Do - na no - bis pa - cem.

I 
 Do - na no - bis pa-cem. Do-na no-bis pa - cem.

II 
 Do - na no - bis pa-cem. Do-na no-bis pa - cem.

III 
 Do - na no - bis pa - cem, pa-cem. Do - na no - bis pa - cem.

I 
 Do - na no - bis pa - cem, pa-cem. Do - na no - bis pa - cem.

II 
 Do - na no - bis pa-cem. Do-na no-bis pa - cem.

III 
 Do - na no - bis pa-cem. Do-na no-bis pa - cem.

I 
 Do - na no - bis pa-cem. Do-na no-bis pa - cem.

II 
 Do - na no - bis pa - cem, pa-cem. Do - na no - bis pa - cem.

III 
 Do - na no - bis pa-cem. Do-na no-bis pa - cem.

Geek Choir: Resources

Where to get music:

- CPDL
 - <http://cpdl.org>
- IMSLP
 - <http://imslp.org/>
- Southern Harmony
 - <http://www.ccel.org/ccel/walker/harmony/files/contents.html>

Geek Choir: Resources

Open Source Music Notation Software

- ABC
 - <http://abc.sourceforge.net/>
- Mup
 - <http://www.arkkra.com/>
- Lilypond
 - <http://lilypond.org>
- Rosegarden
 - <http://www.rosegardenmusic.com/>
- MuseScore
 - <http://musescore.org>

Geek Choir: Resources

Other music geek links

- Audacity
 - <http://audacity.sourceforge.net/>
- Kodály method
 - http://en.wikipedia.org/wiki/Kodály_Method
- Shape note
 - http://www.ehow.com/how_4898545_read-sing-shape-music.html
 - <http://www.paperlesshymnal.com/shapnote/shaped.htm>
- Music: a Mathematical Offering
 - <http://www.maths.abdn.ac.uk/~bensondj/html/maths-music.html>
- *Song Of A Child*
 - <http://songofachild.org>
 - <http://www.youtube.com/watch?v=o32w8Hbrkk0>
 - <http://www.youtube.com/watch?v=oQl8s2mj7eQ>
 - <http://www.youtube.com/watch?v=vvqZ-nHL07I>

Thank you!

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