

FRAMEWORK

| Level | Mode I - Individual Echo | Mode 2 - Peer to Peer Echo |
|----------------------|---|----------------------------|
| OPEN EXPLORATION | Open | Open |
| PRIMER | High/Low using C octave | 2 note |
| BEGINNER | Add D (C, D) | 3 note |
| INTERMEDIATE | Add E (C, D, E) | 4 note |
| FOLK SONG INTRO | Hot Cross Buns (Maj & min) | 4 note |
| ADVANCED | Add F (C, D, E, F) | 5 note |
| ADVANCED II | Add G (C, D, E, F, G) | 6 note |
| FOLK SONG II | Mary Had a Little Lamb (var. on Hot Cross Buns) | 6 note |
| FOLK SONG in CONTEXT | Hot Cross Buns and Mary Had a Little Lamb in Context of a rhythmic/melodic groove | 7 note |

Notes:

1. We want the focus of this demo version to be on auditory memory. Let's meet to discuss the potential options of including auditory and visual cues, while still focusing on auditory.
2. Mode I is what we have discussed so far. The app plays a sequence and the learner echos that pattern. Questions: how does the learner know if they were successful...how does the learn self-assess?
3. Mode II is something new that Carroll and I came up with related to two importance aspects: (1) the learner needs to experience the creation of their own frameworks and (2) the XPrize strongly encourages peer-to-peer communication as part of the gamified approach. In Mode II, one learner can send their own sequence to another learner as a challenge. The recipient attempts to echo that sequence and then has the opportunity to send their own sequence back to their fellow learner.
4. We need to decide if we want to have the split screen with one screen being the glockenspiel and the other half being a musical staff with the musical notation lighting up while the glockenspiel is being played (i.e., even in open exploration mode, learner sees where the notes on the glockenspiel are on the musical staff... multimodal learning, contextual learning)
5. We need to decide if we are going to add the additional component of dynamics (how loud or soft certain notes are played in the pattern).

6. As Erik has suggested, we think that each area in Mode I can be randomized. At first Carroll and I were concerned that certain basic patterns would need to be experienced first, but upon thinking about this, we like the idea of a random and ever-changing sequence (within each level; the levels are sequenced) because it speaks to the importance of the learner creating their own framework and experiencing the learning from different perspectives.
7. The variables which are at the foundation of our decisions as to what kinds of sequences go in which area will be based on:
 - a. length of pattern
 - b. type of notes
 - c. melodic complexity
 - d. rhythmic complexity

SEQUENCE BUILD OUT FOR EACH SECTION (Mode I)

OPEN EXPLORATION

Learner can explore with any set of notes

Learner should be able to record themselves and save

Question:

Can learner use this in mode II? Our current thinking is not at first, but perhaps later once some skill has been developed.

**Values can be 1. all quarter notes 2. all eighth notes 3. alternating quarter/eighth
No need for any dynamic (volume) variance yet?**

PRIMER (Low C = C; High C = C1;)

| | |
|--------|----------------------|
| 1, 1 | 1, 1, 1, 1, 1 (cont) |
| C, C | C, C1, C1, C1, C |
| C1, C1 | C1, C, C, C, C1 |
| C, C1 | C, C1, C, C, C |
| C1, C | C1, C, C1, C1, C1 |

1, 1, 1
C, C, C
C1, C1, C1
C, C, C1
C1, C1, C
C, C1, C
C1, C, C1

1, 1, 1, 1
C, C, C, C,
C1, C1, C1, C1
C, C, C1, C1
C1, C1, C, C
C, C1, C1, C
C1, C, C, C1
C, C, C, C1
C1, C1, C1, C

1, 1, 1, 1, 1
C, C, C, C, C
C1, C1, C1, C1, C1
C, C, C, C, C1
C1, C1, C1, C1, C
C, C, C, C1, C1
C1, C1, C1, C, C
C, C, C1, C1, C1
C1, C1, C, C, C
C, C1, C1, C1, C1
C1, C, C, C, C
C, C1, C, C1, C
C1, C, C1, C, C1
C, C1, C1, C, C
C1, C, C, C1, C1

BEGINNER - C, D

1, 1
C, D
D, C

1, 1, 2
D, C, D, D
C, D, C, C

1, 2
C, D, D
D, C, C

3, 1
D, D, D, C
C, C, C, D

1, 1, 1
C, D, C
D, C, D
D, C, C1
C, D, C1
C1, C, D
C1, D, C

1, 2, 1
D, C, C, C1
D, C1, C1, C

2, 2
C, C, D, D
D, D, C, C

1, 2, 1
C, D, D, C
D, C, C, D

1, 1, 1, 1
C, D, C, D
D, C, D, C
C, D, C, C1
D, C, D, C1
C, C1, C, D
C, C1, D, C
C1, C, C1, D
C1, C, D, C

2, 1, 1
C1, C1, C, D
C1, C1, D, C
C, C, C1, D
C, C, D, C1
D, D, C, C1
D, D, C1, C

1, 3
D, C, C, C
C, D, D, D

INTERMEDIATE - C, D, E

C, D, E (1, 1, 1)
E, D, C
C, E, D
D, C, E
E, C, D
D, E, C

C, D, D, E (1, 2, 1)
E, D, D, C
D, C, C, E
E, C, C, D
C, E, E, D
D, E, E, C

D, D, E, C (2, 1, 1)
D, D, C, E
E, E, D, C
E, E, C, D
C, C, D, E
C, C, E, D

C, D, E, C (1, 1, 1, 1)
C, E, D, C
C, D, C, E
D, C, D, E
C, E, C, D
E, C, E, D
E, D, E, C
E, C, E, D

C, C, D, D, E (2, 2, 1)
C, C, E, E, D
D, D, E, E, C
D, D, C, C, E
E, E, C, C, D
E, E, D, D, C

C, D, D, D, E (1, 3, 1)
C, E, E, E, D
D, E, E, E, C
D, C, C, C, E
E, C, C, C, D
E, D, D, D, C

C, C, D, E, E (2, 1, 2)
C, C, E, D, D
D, D, C, E, E
D, D, E, C, C
E, E, C, D, D
E, E, D, C, C

C, C, C, D, E (3, 1, 1)
C, C, C, E, D
D, D, D, C, E
D, D, D, E, C
E, E, E, D, C
E, E, E, C, D

C, D, D, E, E (1, 2, 2)
C, E, E, D, D
D, C, C, E, E
D, E, E, C, C
E, C, C, D, D
E, D, D, C, C

C, D, E, C, C (1, 1, 1, 2)
C, E, D, C, C
C, D, E, D, D
C, E, D, D, D
C, D, E, E, E
C, E, D, E, E

E, D, C, D, D (1, 1, 1, 2 cont.)
E, D, C, E, E
E, C, D, C, C
E, C, D, D, D
E, C, D, E, E
E, C, D, E, E
D, E, C, C, C
D, E, C, D, D
D, E, C, E, E
D, C, E, C, C
D, C, E, D, D
D, C, E, E, E
D, C, E, E, E

C, D, C, E, C (1, 1, 1, 1, 1)
C, D, C, C, E
C, E, D, E, C
C, E, D, C, E
D, C, D, E, C
D, C, D, C, E
D, E, D, E, C
D, E, D, C, E
E, C, E, D, C
E, C, E, C, D
E, C, D, E, C
E, C, D, C, E

E, D, C, C, C (1, 1, 3)
E, D, E, E, E
D, C, E, E, E
D, C, D, D, D
C, D, E, E, E
C, D, C, C, C

to next column

to next column

do we add the C1 permutation?

FOLK SONG INTRO

ADVANCED - C, D, E, F

| | | | |
|---------------|--------------------|--------------------|--------------------|
| 1, 1, 1, 1 | 1, 2, 1, 1 (cont.) | 1, 1, 1, 2 (cont.) | 2, 1, 1, 1 (cont.) |
| C, D, E, F | E, F, F, C, D | C, D, F, E, E | E, E, F, C, D |
| C, D, F, E | E, F, F, D, C | C, F, D, E, E | E, E, F, D, C |
| D, E, F, C | | D, F, C, E, E | F, F, C, D, E |
| E, F, C, D | 1, 1, 2, 1 | D, C, F, E, E | F, F, C, E, D |
| E, F, D, C | C, D, E, E, F | F, C, D, E, E | F, F, D, E, C |
| F, C, D, E | C, F, E, E, D | F, D, C, E, E | F, F, D, C, E |
| F, E, D, C | D, C, E, E, F | C, F, E, D, D | F, F, E, C, D |
| C, E, D, F | D, F, E, E, C | C, E, F, D, D | F, F, E, D, C |
| C, E, F, D | F, C, E, E, D | E, F, C, D, D | |
| F, D, E, C | F, D, E, E, C | E, C, F, D, D | 1, 1, 3, 1 |
| C, F, E, D | C, D, F, F, E | F, E, C, D, D | C, D, E, E, E, F |
| D, F, E, C | C, E, F, F, D | F, C, E, D, D | C, F, E, E, E, D |
| C, F, D, E | D, C, F, F, E | F, E, D, C, C | D, C, E, E, E, F |
| C, F, E, D | D, E, F, F, C | F, D, E, C, C | D, F, E, E, E, C |
| E, D, F, C | E, C, F, F, D | D, E, F, C, C | F, C, E, E, E, D |
| E, D, C, F | E, D, F, F, C | D, F, E, C, C | F, D, E, E, E, C |
| E, C, D, F | C, F, D, D, E | E, F, D, C, C | C, E, D, D, D, F |
| E, C, F, D | C, E, D, D, F | E, D, F, C, C | C, F, D, D, D, E |
| | E, C, D, D, F | | E, F, D, D, D, C |
| 1, 2, 1, 1 | E, F, D, D, C | 2, 1, 1, 1 | E, C, D, D, D, F |
| C, D, D, E, F | F, E, D, D, C | C, C, D, E, F | F, C, D, D, D, E |
| C, D, D, F, E | F, C, D, D, E | C, C, D, F, E | F, E, D, D, D, C |
| C, E, E, D, F | D, F, C, C, E | C, C, E, D, F | F, E, C, C, C, D |
| C, E, E, F, D | D, E, C, C, F | C, C, E, F, D | F, D, C, C, C, E |
| C, F, F, E, D | F, E, C, C, D | C, C, F, E, D | E, D, C, C, C, F |
| C, F, F, D, E | F, D, C, C, E | C, C, F, D, E | E, F, C, C, C, D |
| D, C, C, E, F | E, D, C, C, F | D, D, C, F, E | D, E, C, C, C, F |
| D, C, C, F, E | E, F, C, C, D | D, D, C, E, F | D, F, C, C, C, E |
| D, E, E, C, F | | D, D, F, E, C | |
| D, E, E, F, C | 1, 1, 1, 2 | D, D, F, C, E | |
| D, F, F, E, C | C, D, E, F, F | D, D, E, F, C | |
| D, F, F, C, E | C, E, D, F, F | D, D, E, C, F | |
| E, C, C, F, D | D, E, C, F, F | E, E, C, D, F | |
| E, C, C, D, F | D, C, E, F, F | E, E, C, F, D | |
| E, D, D, C, F | E, D, C, F, F | E, E, D, F, C | |
| E, D, D, F, C | E, C, D, F, F | E, E, D, C, F | |

1, 3, 1, 1

1, 1, 1, 3 (cont)

1, 2, 2, 1

C, D, D, D, E, F
C, D, D, D, F, E
F, D, D, D, C, E
F, D, D, D, E, C
E, D, D, D, F, C
E, D, D, D, C, F
D, C, C, C, F, E
D, C, C, C, E, F
E, C, C, C, F, D
E, C, C, C, D, F
F, C, C, C, E, D
F, C, C, C, D, E
F, E, E, E, C, D
F, E, E, E, D, C
C, E, E, E, F, D
C, E, E, E, D, F
D, E, E, E, F, C
D, E, E, E, C, F
D, F, F, F, C, E
D, F, F, F, E, C
E, F, F, F, D, C
E, F, F, F, C, D
C, F, F, F, D, E
C, F, F, F, E, D

1, 1, 1, 3

C, D, E, F, F, F
C, E, D, F, F, F
D, E, C, F, F, F
D, C, E, F, F, F
E, D, C, F, F, F
E, C, D, F, F, F
C, D, F, E, E, E
C, F, D, E, E, E
D, C, F, E, E, E
D, F, C, E, E, E
F, C, D, E, E, E
F, D, C, E, E, E

1, 1, 2, 2 (cont)

C, E, F, D, D, D
C, F, E, D, D, D
E, F, C, D, D, D
E, C, F, D, D, D
F, C, E, D, D, D
F, E, C, D, D, D
F, E, D, C, C, C
F, D, E, C, C, C
E, D, F, C, C, C
E, F, D, C, C, C
D, F, E, C, C, C
D, F, E, C, C, C

3, 1, 1, 1

C, C, C, D, E, F
C, C, C, D, F, E
C, C, C, E, D, F
C, C, C, E, F, D
C, C, C, F, E, D
C, C, C, F, D, E
D, D, D, C, F, E
D, D, D, C, E, F
D, D, D, E, C, F
D, D, D, E, F, C
D, D, D, F, C, E
D, D, D, F, E, C

E, E, E, C, D, F
E, E, E, C, F, D
E, E, E, D, C, F
E, E, E, D, F, C
E, E, E, F, D, C
E, E, E, F, C, D
F, F, F, E, D, C
F, F, F, E, C, D
F, F, F, D, E, C
F, F, F, D, C, E
F, F, F, C, E, D
F, F, F, C, D, E

1, 2, 1, 2

C, D, D, E, E, F
F, D, D, E, E, C
E, D, D, C, C, F
F, D, D, C, C, E
C, D, D, F, F, E
E, D, D, F, F, C
D, C, C, E, E, F
F, C, C, E, E, D
F, C, C, D, D, E
E, C, C, D, D, F
E, C, C, F, F, D
D, C, C, F, F, E
C, E, E, D, D, F
F, E, E, D, D, C
F, E, E, C, C, D
D, E, E, C, C, F
D, E, E, F, F, C
C, E, E, F, F, D
C, F, F, E, E, D
D, F, F, E, E, C
C, F, F, D, D, E
E, F, F, D, D, C
E, F, F, C, C, D
D, F, F, C, C, E

1, 1, 2, 2

C, D, E, E, F, F
D, C, E, E, F, F
F, C, E, E, D, D
C, F, E, E, D, D
D, F, E, E, C, C
F, D, E, E, C, C
C, D, F, F, E, E
D, C, F, F, E, E
C, E, F, F, D, D
E, C, F, F, D, D
E, D, F, F, C, C
D, E, F, F, C, C

C, E, D, D, F, F
E, C, D, D, F, F
C, F, D, D, E, E
F, C, D, D, E, E
E, F, D, D, C, C
F, E, D, D, C, C
F, E, C, C, D, D
E, F, C, C, D, D
F, D, C, C, E, E
D, F, C, C, E, E
D, E, C, C, F, F
E, D, C, C, F, F

2, 2, 1, 1

C, C, D, D, E, F
C, C, D, D, F, E
C, C, E, E, D, F
C, C, E, E, F, D
C, C, F, F, E, D
C, C, F, F, D, E
D, D, C, C, E, F
D, D, C, C, F, E
D, D, E, E, C, F
D, D, E, E, F, C
D, D, F, F, C, D
D, D, F, F, D, C
E, E, D, D, C, F
E, E, D, D, F, C
E, E, C, C, D, F
E, E, C, C, F, D
E, E, F, F, C, D
E, E, F, F, D, C
F, F, E, E, C, D
F, F, E, E, D, C
F, F, D, D, C, E
F, F, D, D, E, C
F, F, C, C, D, E
F, F, C, C, E, D

C, D, D, E, F, F
E, D, D, C, F, F
C, D, D, F, E, E
F, D, D, C, E, E
F, D, D, E, C, C
E, D, D, F, C, C
D, C, C, F, E, E
F, C, C, D, E, E
F, C, C, E, D, D
E, C, C, F, D, D
E, C, C, D, F, F
D, C, C, E, F, F
D, E, E, F, C, C
F, E, E, D, C, C
F, E, E, C, D, D
C, E, E, F, D, D
C, E, E, D, F, F
D, E, E, C, F, F
C, F, F, D, E, E
D, F, F, C, E, E
C, F, F, E, D, D
E, F, F, C, D, D
E, F, F, D, C, C
D, F, F, E, C, C

ADVANCED II - C, D, E, F, G

1, 1, 1, 1, 1

C, D, E, F, G
G, F, E, D, C
D, E, F, G, C
E, F, G, C, D
F, G, C, D, E
G, C, D, E, F
C, E, D, F, G
G, E, F, D, C
D, F, E, G, C
E, G, F, D, C
F, D, C, E, G
G, E, D, F, C

1, 2, 1, 1, 1

C, D, D, E, F, G
G, D, D, E, F, C
C, D, D, F, E, G
G, D, D, F, E, C
C, D, D, F, G, E
E, D, D, F, G, C
C, D, D, G, F, E
E, D, D, G, F, C
E, D, D, F, C, G
G, D, D, F, C, E
E, D, D, C, F, G
G, D, D, C, F, E
C, D, D, E, G, F
F, D, D, E, G, C
C, D, D, G, E, F
F, D, D, G, E, C
F, D, D, G, C, E
E, D, D, G, C, F
F, D, D, C, G, E
E, D, D, C, G, F
F, D, D, C, E, G
G, D, D, C, E, G
F, D, D, E, C, G

1, 1, 2, 1, 1

1, 2, 1, 1, 1 (cont)

G, D, D, E, C, F

D, C, C, E, F, G
G, C, C, E, F, D
D, C, C, F, E, G
G, C, C, F, E, D
D, C, C, F, G, E
E, C, C, F, G, D
D, C, C, G, F, E
E, C, C, G, F, D
E, C, C, F, D, G
G, C, C, F, D, E
E, C, C, D, F, G
G, C, C, D, F, E
F, C, C, E, G, D
D, C, C, E, G, F
F, C, C, G, E, D
D, C, C, G, E, F
F, C, C, E, D, G
G, C, C, E, D, F
F, C, C, D, E, G
G, C, C, D, E, F
E, C, C, D, G, F
F, C, C, D, G, E
E, C, C, G, D, F
F, C, C, G, D, E

C, E, E, D, F, G
G, E, E, D, F, C
C, E, E, F, D, G
G, E, E, F, D, C
C, E, E, F, G, D
D, E, E, F, G, C
C, E, E, G, F, D
D, E, E, G, F, C
G, E, E, F, C, D
D, E, E, F, C, G
G, E, E, C, F, D
D, E, E, C, F, G
D, E, E, C, G, F

F, E, E, C, G, D
D, E, E, G, C, F
F, E, E, G, C, D
F, E, E, C, D, G
G, E, E, C, D, F
F, E, E, D, C, G
G, E, E, D, C, F
F, E, E, D, G, C
C, E, E, D, G, F
F, E, E, G, D, C
C, E, E, G, D, F

C, F, F, D, E, G
G, F, F, D, E, C
C, F, F, E, D, G
G, F, F, E, D, C
C, F, F, D, G, E
E, F, F, D, G, C
C, F, F, G, D, E
E, F, F, G, D, C
G, F, F, D, C, E
E, F, F, D, C, G
G, F, F, C, D, E
E, F, F, C, D, G

E, F, F, G, C, D
D, F, F, G, C, E
E, F, F, C, G, D
D, F, F, C, G, E
D, F, F, E, C, G
G, F, F, E, C, D
D, F, F, C, E, G
G, F, F, C, E, D
D, F, F, E, G, C
C, F, F, E, G, D
D, F, F, G, E, C
C, F, F, G, E, D

C, G, G, D, E, F
F, G, G, D, E, C
C, G, G, E, D, F
F, G, G, E, D, C
C, G, G, D, F, E
E, G, G, D, F, C
C, G, G, F, D, E
E, G, G, F, D, C
E, G, G, D, C, F
F, G, G, D, C, E
E, G, G, C, D, F
F, G, G, C, D, E
C, G, G, F, E, D
D, G, G, F, E, C
C, G, G, E, F, D
D, G, G, E, F, C
D, G, G, F, C, E
E, G, G, F, C, D
D, G, G, C, F, E
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| C, D, E, E, F, G | C, E, D, D, F, G | C, D, F, F, E, G | C, D, G, G, F, E | D, E, C, C, F, G |
| C, D, E, E, G, F | C, E, D, D, G, F | C, D, F, F, G, E | C, D, G, G, E, F | D, E, C, C, G, F |
| C, F, E, E, D, G | C, F, D, D, E, G | C, E, F, F, D, G | C, F, G, G, D, F | D, F, C, C, E, G |
| C, F, E, E, G, D | C, F, D, D, G, E | C, E, F, F, G, D | C, F, G, G, F, D | D, F, C, C, G, E |
| C, G, E, E, D, F | C, G, D, D, F, E | C, G, F, F, E, D | C, E, G, G, F, D | D, G, C, C, F, E |
| C, G, E, E, F, D | C, G, D, D, E, F | C, G, F, F, D, E | C, E, G, G, D, F | D, G, C, C, E, F |
| | | | | |
| D, C, E, E, F, G | E, C, D, D, F, G | E, C, F, F, D, G | D, C, G, G, E, F | E, D, C, C, F, G |
| D, C, E, E, G, F | E, C, D, D, F, G | E, C, F, F, G, D | D, C, G, G, F, E | E, D, C, C, G, F |
| D, F, E, E, C, G | E, F, D, D, C, G | E, D, F, F, C, G | D, E, G, G, C, F | E, F, C, C, D, G |
| D, F, E, E, G, C | E, F, D, D, G, C | E, D, F, F, G, C | D, E, G, G, F, C | E, F, C, C, G, D |
| D, G, E, E, F, C | E, G, D, D, C, F | E, G, F, F, D, C | D, F, G, G, C, E | E, G, C, C, F, D |
| D, G, E, E, C, F | E, G, D, D, F, C | E, G, F, F, C, D | D, F, G, G, E, C | E, G, C, C, D, F |
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| F, C, E, E, D, G | F, C, D, D, E, G | D, C, F, F, E, G | E, C, G, G, F, D | F, E, C, C, D, G |
| F, C, E, E, G, D | F, C, D, D, G, E | D, C, F, F, G, E | E, C, G, G, D, F | F, E, C, C, G, D |
| F, D, E, E, C, G | F, E, D, D, C, G | D, E, F, F, C, G | E, D, G, G, C, F | F, D, C, C, E, G |
| F, D, E, E, G, C | F, E, D, D, G, C | D, E, F, F, G, C | E, D, G, G, F, C | F, D, C, C, G, E |
| F, G, E, E, C, D | F, G, D, D, E, C | D, G, F, F, E, C | E, F, G, G, D, C | F, G, C, C, D, E |
| F, G, E, E, D, C | F, G, D, D, C, E | D, G, F, F, C, E | E, F, G, G, C, D | F, G, C, C, E, D |
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| G, F, E, E, D, C | G, F, D, D, C, E | G, D, F, F, C, E | F, E, G, G, D, C | G, F, C, C, D, E |
| G, F, E, E, C, D | G, F, D, D, E, C | G, D, F, F, E, C | F, E, G, G, C, D | G, F, C, C, E, D |
| G, C, E, E, F, D | G, E, D, D, C, F | G, C, F, F, D, E | F, D, G, G, E, C | G, D, C, C, F, E |
| G, C, E, E, D, F | G, E, D, D, F, C | G, C, F, F, E, D | F, D, G, G, C, E | G, D, C, C, E, F |
| G, D, E, E, C, F | G, C, D, D, E, F | G, E, F, F, C, D | F, C, G, G, D, E | G, E, C, C, D, F |
| G, D, E, E, F, C | G, C, D, D, F, E | G, E, F, F, D, C | F, C, G, G, E, D | G, E, C, C, F, D |

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| C, D, E, F, F, G | C, D, E, G, G, F | C, D, F, E, E, G | C, E, F, D, D, G | D, E, F, C, C, G |
| C, D, G, F, F, E | C, D, F, G, G, E | C, D, G, E, E, F | C, E, G, D, D, F | D, E, G, C, C, F |
| C, E, D, F, F, G | C, E, F, G, G, D | C, F, G, E, E, D | C, F, G, D, D, E | D, F, G, C, C, E |
| C, E, G, F, F, D | C, E, D, G, G, F | C, F, D, E, E, G | C, F, E, D, D, G | D, F, E, C, C, G |
| C, G, E, F, F, D | C, F, D, G, G, E | C, G, D, E, E, F | C, G, F, D, D, E | D, G, E, C, C, F |
| C, G, D, F, F, E | C, F, E, G, G, D | C, G, F, E, E, D | C, G, E, D, D, F | D, G, F, C, C, E |
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| D, C, E, F, F, G | D, C, E, G, G, F | D, G, F, E, E, C | E, C, G, D, D, F | E, F, G, C, C, D |
| D, C, G, F, F, E | D, C, F, G, G, E | D, G, C, E, E, F | E, C, F, D, D, G | E, F, D, C, C, G |
| D, E, G, F, F, C | D, E, F, G, G, C | D, F, C, E, E, G | E, F, C, D, D, G | E, G, D, C, C, F |
| D, E, C, F, F, G | D, E, C, G, G, F | D, F, G, E, E, C | E, F, G, D, D, C | E, G, F, C, C, D |
| D, G, C, F, F, E | D, F, C, G, G, E | D, C, F, E, E, G | E, G, C, D, D, F | E, D, F, C, C, G |
| D, G, E, F, F, C | D, F, E, G, G, C | D, C, G, E, E, F | E, G, F, D, D, C | E, D, G, C, C, F |
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| E, D, C, F, F, G | E, F, C, G, G, D | F, C, G, E, E, D | F, G, C, D, D, E | F, D, E, C, C, G |
| E, D, G, F, F, C | E, F, D, G, G, C | F, C, D, E, E, G | F, G, E, D, D, C | F, D, G, C, C, E |
| E, C, G, F, F, D | E, D, C, G, G, F | F, G, D, E, E, C | F, E, C, D, D, G | F, E, G, C, C, D |
| E, C, D, F, F, G | E, D, F, G, G, C | F, G, C, E, E, D | F, E, G, D, D, C | F, E, D, C, C, G |
| E, G, D, F, F, C | E, C, F, G, G, D | F, D, C, E, E, G | F, C, G, D, D, E | F, G, D, C, C, E |
| E, G, C, F, F, D | E, C, D, G, G, F | F, D, G, E, E, C | F, C, E, D, D, G | F, G, E, C, C, D |
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| G, C, D, F, F, E | F, C, D, G, G, E | G, D, C, E, E, F | G, C, E, D, D, F | G, D, E, C, C, F |
| G, C, E, F, F, D | F, C, E, G, G, D | G, D, F, E, E, C | G, C, F, D, D, E | G, D, F, C, C, E |
| G, D, E, F, F, C | F, D, E, G, G, C | G, C, F, E, E, D | G, E, F, D, D, C | G, E, D, C, C, F |
| G, D, C, F, F, E | F, D, C, G, G, E | G, C, D, E, E, F | G, E, C, D, D, F | G, E, F, C, C, D |
| G, E, C, F, F, D | F, E, C, G, G, D | G, F, D, E, E, C | G, F, E, D, D, C | G, F, E, C, C, D |
| G, E, D, F, F, C | F, E, D, G, G, C | G, F, C, E, E, D | G, F, C, D, D, E | G, F, D, C, C, E |

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| C, D, E, F, G, G | C, D, E, G, F, F | C, D, F, G, E, E | C, E, F, G, D, D | D, E, F, G, C, C |
| C, D, F, E, G, G | C, D, G, E, F, F | C, D, G, F, E, E | C, E, G, F, D, D | D, E, G, F, C, C |
| C, E, D, F, G, G | C, E, G, D, F, F | C, F, G, D, E, E | C, F, G, E, D, D | D, F, E, G, C, C |
| C, E, F, D, G, G | C, E, D, G, F, F | C, F, D, G, E, E | C, F, E, G, D, D | D, F, G, E, C, C |
| C, F, E, D, G, G | C, G, E, D, F, F | C, G, D, F, E, E | C, G, E, F, D, D | D, G, E, F, C, C |
| C, F, D, E, G, G | C, G, D, E, F, F | C, G, F, D, E, E | C, G, F, E, D, D | D, G, F, E, C, C |

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| D, C, E, F, G, G | D, C, G, E, F, F | D, C, F, G, E, E | E, G, F, C, D, D | E, G, D, F, C, C |
| D, C, F, E, G, G | D, C, E, G, F, F | D, C, G, F, E, E | E, G, C, F, D, D | E, G, F, D, C, C |
| D, E, F, C, G, G | D, E, G, C, F, F | D, F, G, C, E, E | E, F, C, G, D, D | E, F, G, D, C, C |
| D, E, C, F, G, G | D, E, C, G, F, F | D, F, C, G, E, E | E, F, G, C, D, D | E, F, D, G, C, C |
| D, F, C, E, G, G | D, G, E, C, F, F | D, G, C, F, E, E | E, C, G, F, D, D | E, D, F, G, C, C |
| D, F, E, C, G, G | D, G, C, E, F, F | D, G, F, C, E, E | E, C, F, G, D, D | E, D, G, F, C, C |

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| E, C, D, F, G, G | E, C, D, G, F, F | F, G, C, D, E, E | F, G, C, E, D, D | F, G, D, E, C, C |
| E, C, F, D, G, G | E, C, G, D, F, F | F, G, D, C, E, E | F, G, E, C, D, D | F, G, E, D, C, C |
| E, D, C, F, G, G | E, D, G, C, F, F | F, D, G, C, E, E | F, E, C, G, D, D | F, D, G, E, C, C |
| E, D, F, C, G, G | E, D, C, G, F, F | F, D, C, G, E, E | F, E, G, C, D, D | F, D, E, G, C, C |
| E, F, D, C, G, G | E, G, C, D, F, F | F, C, D, G, E, E | F, C, G, E, D, D | F, E, D, G, C, C |
| E, F, C, D, G, G | E, G, D, C, F, F | F, C, G, D, E, E | F, C, E, G, D, D | F, E, G, D, C, C |

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| F, E, C, D, G, G | G, C, D, E, F, F | G, F, D, C, E, E | G, F, E, C, D, D | G, F, D, E, C, C |
| F, E, D, C, G, G | G, C, E, D, F, F | G, F, C, D, E, E | G, F, C, E, D, D | G, F, E, D, C, C |
| F, C, E, D, G, G | G, D, C, E, F, F | G, D, C, F, E, E | G, E, F, C, D, D | G, E, D, F, C, C |
| F, C, D, E, G, G | G, D, E, C, F, F | G, D, F, C, E, E | G, E, C, F, D, D | G, E, F, D, C, C |
| F, D, E, C, G, G | G, E, C, D, F, F | G, C, F, D, E, E | G, C, E, F, D, D | G, D, E, F, C, C |
| F, D, C, E, G, G | G, E, D, C, F, F | G, C, D, F, E, E | G, C, F, E, D, D | G, D, F, E, C, C |

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| C, C, D, E, F, G | D, D, C, E, F, G | E, E, C, D, F, G | F, F, C, D, E, G | G, G, C, D, E, F |
| C, C, E, D, F, G | D, D, E, C, F, G | E, E, D, C, F, G | F, F, D, C, E, G | G, G, D, C, E, F |
| C, C, E, F, D, G | D, D, C, F, E, G | E, E, D, F, C, G | F, F, C, E, D, G | G, G, C, E, D, F |
| C, C, F, E, D, G | D, D, F, C, E, G | E, E, F, D, C, G | F, F, E, C, D, G | G, G, E, C, D, F |
| C, C, F, D, E, G | D, D, F, E, C, G | E, E, F, C, D, G | F, F, E, D, C, G | G, G, E, D, C, F |
| C, C, D, F, E, G | D, D, E, F, C, G | E, E, C, F, D, G | F, F, D, E, C, G | G, G, D, E, C, F |

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| C, C, D, E, G, F | D, D, C, E, G, F | E, E, C, D, G, F | F, F, D, C, G, E | G, G, D, C, F, E |
| C, C, E, D, G, F | D, D, E, C, G, F | E, E, D, C, G, F | F, F, C, D, G, E | G, G, C, D, F, E |
| C, C, D, G, E, F | D, D, G, C, E, F | E, E, C, G, D, F | F, F, C, G, D, E | G, G, C, F, D, E |
| C, C, G, D, E, F | D, D, C, G, E, F | E, E, G, C, D, F | F, F, G, C, D, E | G, G, F, C, D, E |
| C, C, G, E, D, F | D, D, G, E, C, F | E, E, D, G, C, F | F, F, G, D, C, E | G, G, F, D, C, E |
| C, C, E, G, D, F | D, D, E, G, C, F | E, E, G, D, C, F | F, F, D, G, C, E | G, G, D, F, C, E |

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| C, C, D, F, G, E | D, D, C, G, F, E | E, E, C, G, F, D | F, F, C, G, E, D | G, G, C, F, E, D |
| C, C, F, D, G, E | D, D, G, C, F, E | E, E, G, C, F, D | F, F, G, C, E, D | G, G, F, C, E, D |
| C, C, D, G, F, E | D, D, C, F, G, E | E, E, C, F, G, D | F, F, G, E, C, D | G, G, F, E, C, D |
| C, C, G, D, F, E | D, D, F, C, G, E | E, E, F, C, G, D | F, F, E, G, C, D | G, G, E, F, C, D |
| C, C, G, F, D, E | D, D, F, G, C, E | E, E, F, G, C, D | F, F, C, E, G, D | G, G, E, C, F, D |
| C, C, F, G, D, E | D, D, G, F, C, E | E, E, G, C, C, D | F, F, E, C, G, D | G, G, C, E, F, D |

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| C, C, F, G, E, D | D, D, G, F, E, C | E, E, G, F, D, C | F, F, G, E, D, C | G, G, F, E, D, C |
| C, C, G, F, E, D | D, D, F, G, E, C | E, E, F, G, D, C | F, F, E, G, D, C | G, G, E, F, D, C |
| C, C, G, E, F, D | D, D, G, E, F, C | E, E, G, D, F, C | F, F, G, D, E, C | G, G, F, D, E, C |
| C, C, E, G, F, D | D, D, E, G, F, C | E, E, D, G, F, C | F, F, D, G, E, C | G, G, D, F, E, C |
| C, C, E, F, G, D | D, D, E, F, G, C | E, E, D, F, G, C | F, F, D, E, G, C | G, G, D, E, F, C |
| C, C, G, E, G, D | D, D, F, E, G, C | E, E, F, D, G, C | F, F, E, D, G, C | G, G, E, D, F, C |

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C, D, D, D, E, F, G
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C, G, G, G, D, F, E
C, G, G, G, D, E, F
C, G, G, G, E, D, F

1, 3, 1, 1, 1 (cont)

F, C, C, C, D, E, G

G, C, C, C, D, E, F

1, 1, 3, 1, 1

C, D, E, E, E, F, G

C, E, D, D, D, F, G

C, D, F, F, F, E, G

1, 1, 3, 1, 1 (cont)

C, D, G, G, G, E, F

D, E, C, C, C, F, G

1, 1, 1, 3, 1

C, D, E, F, F, F, G

C, D, E, G, G, G, F

C, D, F, E, E, E, G

1, 1, 1, 3, 1 (cont)

C, E, F, D, D, D, G

E, F, G, C, C, C, D

1, 1, 1, 1, 3

C, D, E, F, G, G, G

C, D, E, G, F, F, F

C, D, F, G, E, E, E

1, 1, 1, 1, 3 (cont)

C, E, F, G, D, D, D

D, E, F, G, C, C, C

3, 1, 1, 1, 1

C, C, C, D, E, F, G

D, D, D, C, E, F, G

E, E, E, C, D, F, G

3, 1, 1, 1, 1 (cont)

F, F, F, C, D, E, G

G, G, G, C, D, E, F

FOLK SONG II

FOLK SONG IN CONTEXT

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