



Tune Up Your Tuning

Caitlin Castelino



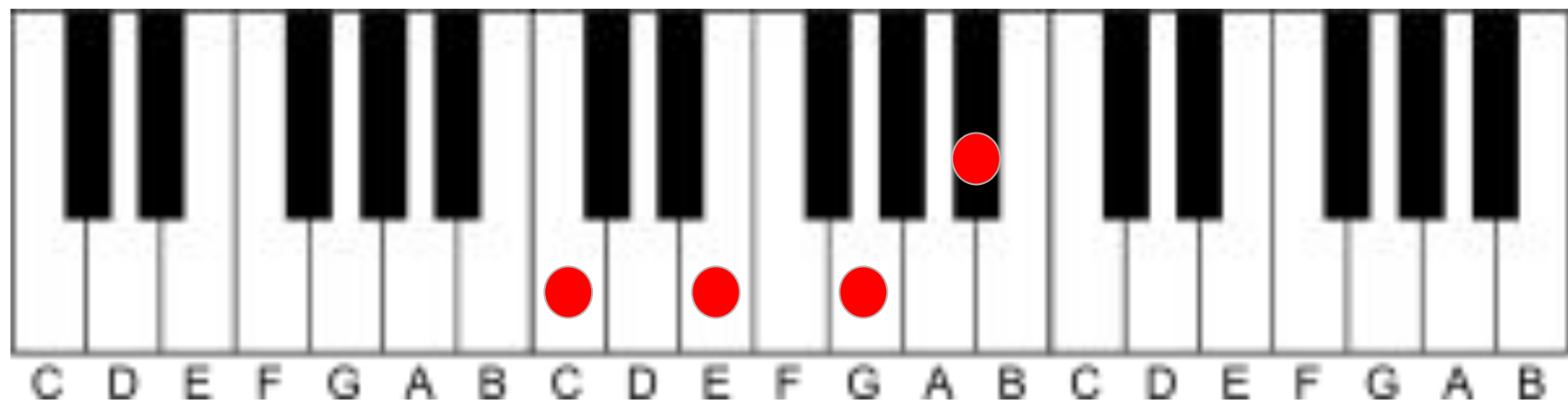
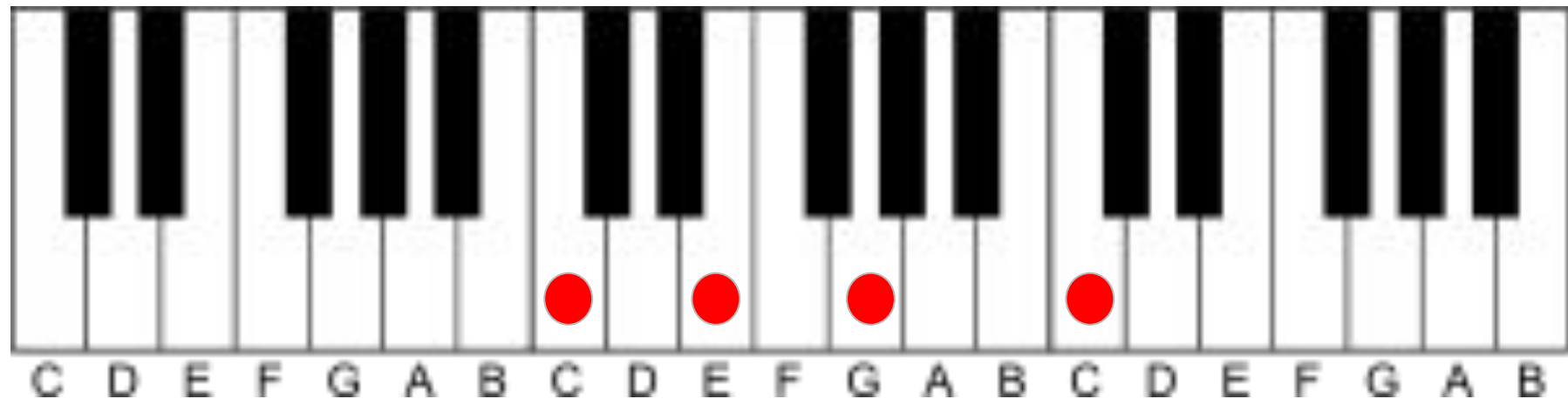
Why balance chords?

- Pythagorean tuning
 - High on 2, 3, 6, 7
- How do you know what you're singing?
 - Barbershoppers tune vertically and horizontally
 - Vertically: Tune to the specific chord you are singing
 - Horizontally: Tune in relationship to the key note

Horizontal Tuning

1. Everyone sings their line on the key note
 - a. Listen for synchronization, consistency of sound/energized vocal line, resonance
 2. One person sings their part against the key note (sung by the remainder of singers)
 - a. Listen for all of the above (from all singers) plus Pythagorean tuning by the vocalist who is on their part
 3. Switch off until everyone sings their part against the tonal center
 4. Everyone sings on their own part
- ★ Important: one person should sit out, listen, and coach the group. Take turns being the listener so everyone gets coached and has a chance to develop their ear
 - ★ Faster than vertical tuning and effective technique to tune phrases/songs. If a chord still isn't tuning, use vertical tuning





Run

Run to the cit - y of ref - uge, you bet - ter run, run, run.

run.

Detailed description: This is the first system of a musical score for the song 'Run'. It consists of two staves: a treble clef staff and a bass clef staff. The time signature is 4/4. The treble staff contains a vocal line with lyrics: 'Run to the cit - y of ref - uge, you bet - ter run, run, run.' The bass staff contains a piano accompaniment. A long slur is placed above the treble staff, extending from the beginning of the first measure to the end of the fourth measure. The lyrics are aligned with the notes in the treble staff.

Run to the cit - y of ref - uge, you bet - ter run, run, run.

Detailed description: This is the second system of the musical score. It also consists of two staves: a treble clef staff and a bass clef staff. The time signature is 4/4. The treble staff contains a vocal line with lyrics: 'Run to the cit - y of ref - uge, you bet - ter run, run, run.' The bass staff contains a piano accompaniment. The lyrics are aligned with the notes in the treble staff.

Bob Dowma, 1975
Sung by the Happiness Emporium

C
G

Run

Musical score for the phrase "Run to the city of". The score is written in 4/4 time. The vocal line (treble clef) starts on a whole note C4 and then has a melodic line: G4 (quarter), A4 (quarter), B4 (quarter), C5 (quarter), B4 (quarter), A4 (quarter), G4 (quarter). The piano accompaniment (bass clef) consists of a steady bass line: C3 (whole), G2 (quarter), F2 (quarter), E2 (quarter), D2 (quarter), C2 (quarter), B1 (quarter), A1 (quarter), G1 (quarter), F1 (quarter), E1 (quarter), D1 (quarter), C1 (quarter). A fermata is placed over the final C5 note in the vocal line. A blue bar is positioned above the staff.

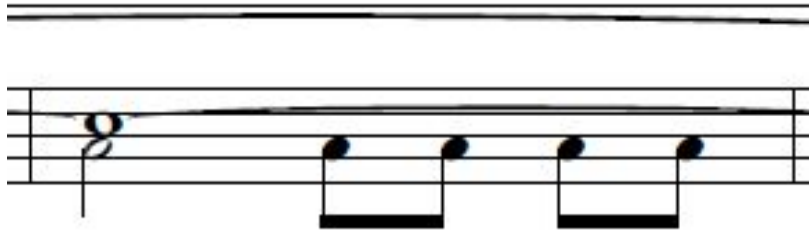
C=8
G=5

E
C

E=3
C=1

A diagram of a piano keyboard with 25 keys labeled C through B. The keys are arranged in two rows: C-D-E-F-G-A-B and C-D-E-F-G-A-B. The labels are positioned below each key.

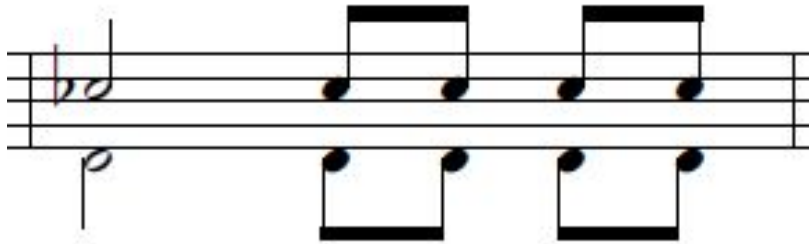
C
A



C=5
A=3

ref - uge, you bet - ter

E
F



E=7
F=1



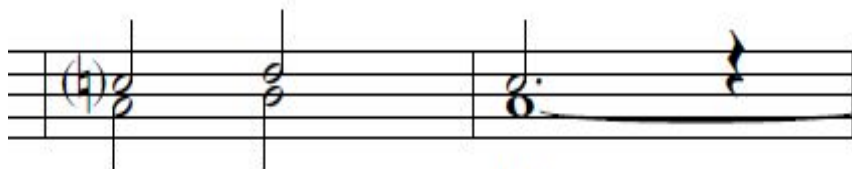
C C B C
G G G G



C=8 C=4 B=3 C=8
G=5 G=1 G=1 G=5

run. run. run.

E F F E
C D D C



E=3 F=7 F=7 E=3
C=1 D=5 D=5 C=1

run.



Passing chords:
Find the open
fifth. May help to
look at the next
chord.



C
G

B
G

Run to the cit - y of

The image shows a musical score for a short phrase. It consists of two staves: a treble clef staff on top and a bass clef staff on the bottom. The treble staff contains a melody of quarter notes: G4, A4, B4, G4, F4, E4. The bass staff contains a bass line of quarter notes: C3, D3, E3, D3, C3. The lyrics 'Run to the cit - y of' are written below the notes. A brace on the right side of the staves groups the notes into two pairs: the first pair (G4, A4) and the second pair (B4, G4) are grouped together, and the third pair (F4, E4) and the fourth pair (D3, C3) are grouped together.

C=8
G=5

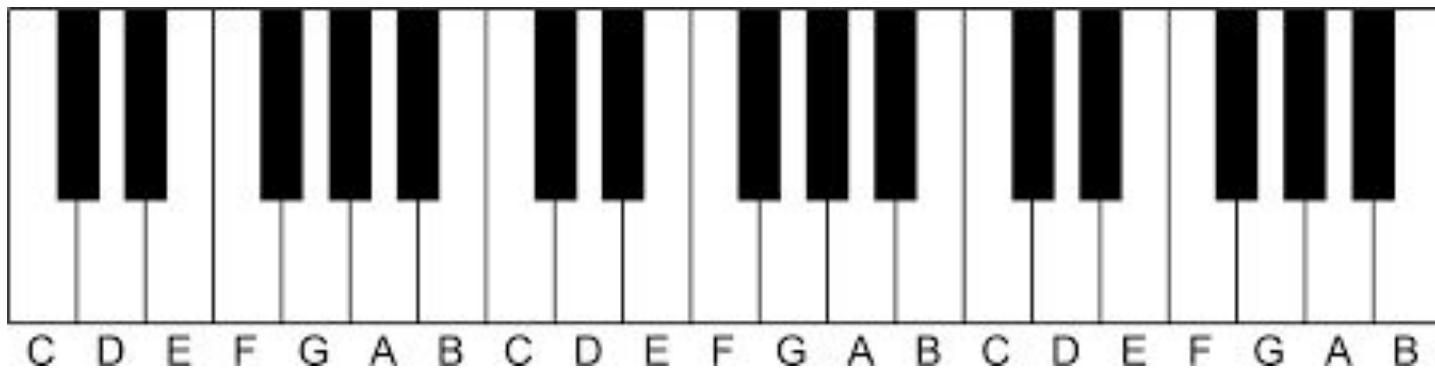
B=7
G=5

E
C

E
C

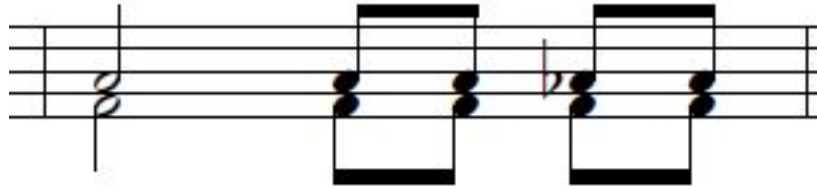
E=3
C=1

E=3
C=1



A
F

A
F



ref - uge, you bet - ter

A=3	A=5	A=3
F=1	F=3	F=1

OR

E
C

D
C



E=7	D=1	D=6
C=5	C=7	C=5



Not a perfect fifth, find another open fifth if not tuning well

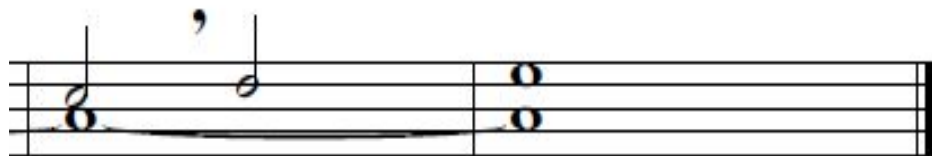
C D E E
G A A C



C=8 D=1 E=7 E=3
G=5 A=5 A=3 C=8

run, , run, run.

E F F G
C C C C



E=3 F=3 F=1 G=5
C=1 C=7 C=5 C=1



Run

Run to the cit - y of ref - uge, you bet - ter run, run, run.

The first system of the musical score is in 4/4 time. The vocal line (treble clef) features a melody of eighth notes: G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4. The lyrics are: "Run to the cit - y of ref - uge, you bet - ter run, run, run." The piano accompaniment (bass clef) consists of a steady eighth-note bass line: G2, A2, B2, C3, B2, A2, G2, F2, E2, D2, C2. The lyrics "run, run, run." are positioned below the piano line.

Run to the cit - y of ref - uge, you bet - ter run, run, run.

The second system of the musical score continues the melody. The vocal line (treble clef) features a melody of eighth notes: G4, A4, B4, C5, B4, A4, G4, F4, E4, D4, C4. The lyrics are: "Run to the cit - y of ref - uge, you bet - ter run, run, run." The piano accompaniment (bass clef) consists of a steady eighth-note bass line: G2, A2, B2, C3, B2, A2, G2, F2, E2, D2, C2. The lyrics "run, run, run." are positioned below the piano line.

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