

SPELLING CHORDS

FORMULA FOR MAJOR SCALE

W - W H W W W H

$\overset{W}{\wedge}$ $\overset{W}{\wedge}$ $\overset{H}{\wedge}$ $\overset{W}{\wedge}$ $\overset{W}{\wedge}$ $\overset{W}{\wedge}$ $\overset{H}{\wedge}$
C D E F G A B C

BUILDING CHORDS

c d e f g a b c

TAKE EVERY OTHER NOTE AND PUT IT ABOVE EACH SCALE NOTE

g	a	b	c	d	e	f
e	f	g	a	b	c	d
c	d	e	f	g	a	b
C _{MAJ}	D _{MIN}	E _{MIN}	F _{MAJ}	G _{MAJ}	A _{MIN}	B _{MIN}

3RD NOTE OF EACH CHORD

MAJOR THIRD = distance between bottom note and middle note is 2 whole steps

MINOR THIRD = distance is 1 1/2 steps

5TH NOTE

DISTANCE BETWEEN ROOT AND FIFTH SHOULD BE 7 HALF STEPS

5 th FLAT	6 half steps
sharp	8 half steps

7th NOTE

MINOR 3RD AND FLAT 5th = Diminished 7th

PROPER SPELLING FOR a C HARMONIZED SCALE

C ^{MAJ}	D ^{MIN}	E ^{MIN}	F ^{MAJ}	G ^{MAJ}	A ^{MIN}	B ^{DIM}
I	II	III	IV	V	VI	VII

HARMONIZED G

d	e	F#	g	a	b	c	d
b	a	d	c	F#	g	a	b
G	A	B	C	D	E	F#	G
G ^{MAJ}	A ^{MIN}	B ^{MIN}	C ^{MAJ}	D ^{MAJ}	E ^{MIN}	F# ^{DIM}	

d
b > 2 whole steps
G = MAJOR THIRD

e
c > 1 1/2 steps
A = MINOR THIRD

a
g > 7 half steps

c
a > 6 half steps
F#

FORMULA FOR ALL MAJOR KEYS

I	II	III	IV	V	VI	VII
MAJ	MIN	MIN	MAJ	MAJ	MIN	DIM

SPELLING CHORDS

W W H W W W H

C D E F G A B C

G A B C D E F# G

D E F# G A B C# D

A B C# D E F# G# A

E F# G# A B C# D# E

B C# D# E F# G# A# B

F# G# A# B C# D# E# F#

F G A B^b C D E F

B^b C D E^b F G A B^b

E^b F G A^b B^b C D E^b

A^b B^b C D^b E^b F G A^b

D^b E^b F G^b A^b B^b C D^b

G^b A^b B^b C^b D^b E^b F G^b

C 0

G 1

D 2

E 3

B 4

F# 5

F#

F#, C#

F#, C#, G#

F

B^b

E^b

A^b

D^b

G^b

1

2

3

4

5

6

B^b

B^b, E^b

B^b, E^b, A^b

KEY -1 = sharp added

KEY +3 = flat added

MAJOR HARMONIZED

C^{MAJ} D^{MIN} E^{MIN} F^{MAJ} G^{MAJ} A^{MIN} B^{DIM}

G^{MAJ} A^{MIN} B^{MIN} C^{MAJ} D^{MAJ} E^{MIN} F[#] ^{DIM}

D^{MAJ} E^{MIN} F[#] ^{MIN} G^{MAJ} A^{MAJ} B^{MIN} C[#] ^{DIM}

A^{MAJ} B^{MIN} C[#] ^{MIN} D^{MAJ} E^{MAJ} F[#] ^{MIN} G[#] ^{DIM}

E^{MAJ} F[#] ^{MIN} G[#] ^{MIN} A^{MAJ} B^{MAJ} C^{MIN} D[#] ^{DIM}

B^{MAJ} C[#] ^{MIN} D[#] ^{MIN} E^{MAJ} F[#] ^{MAJ} G[#] ^{MIN} A[#] ^{DIM}

F[#] ^{MAJ} G[#] ^{MIN} A[#] ^{MIN} B^{MAJ} C[#] ^{MAJ} D[#] ^{MIN} E[#] ^{DIM}

F^{MAJ} G^{MIN} A^{MIN} B^b ^{MAJ} C^{MAJ} D^{MIN} E^{DIM}

B^b ^{MAJ} C^{MIN} D^{MIN} E^b ^{MAJ} F^{MAJ} G^{MIN} A^{DIM}

E^b ^{MAJ} F^{MIN} G^{MIN} A^b ^{MAJ} B^b ^{MAJ} C^{MIN} D^{DIM}

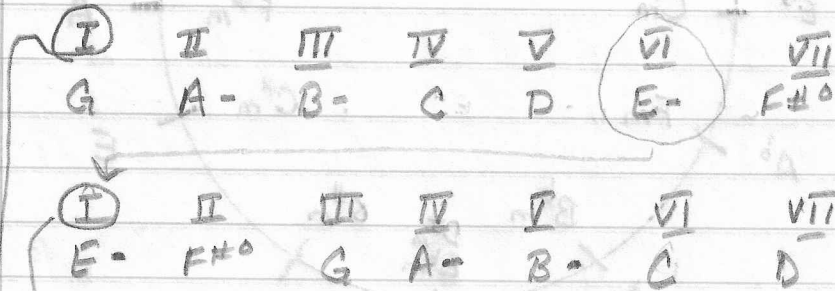
A^b ^{MAJ} B^b ^{MAJ} C^{MIN} D^b ^{MAJ} E^b ^{MAJ} F^{MIN} G^{DIM}

D^b E^{MAJ} F^{MIN} G^b ^{MAJ} A^b ^{MAJ} B^b ^{MIN} C^{DIM}

G^b A^b ^{MAJ} B^b ^{MIN} C^b ^{MAJ} D^b ^{MAJ} E^b ^{MIN} F^{DIM}

MINOR HARMONIZED SCALES

6th NOTE OF MAJOR SCALE BECOMES NEW 1ST NOTE OF THE MINOR



RELATIVE MAJOR

RELATIVE MINOR

SHORTCUTS TO REMEMBER

• IN W H W W W H

HALF STEPS BETWEEN 3+4 7+8

• Big Cats Eat Fish

B → C 1/2 step

E → F 1/2 step

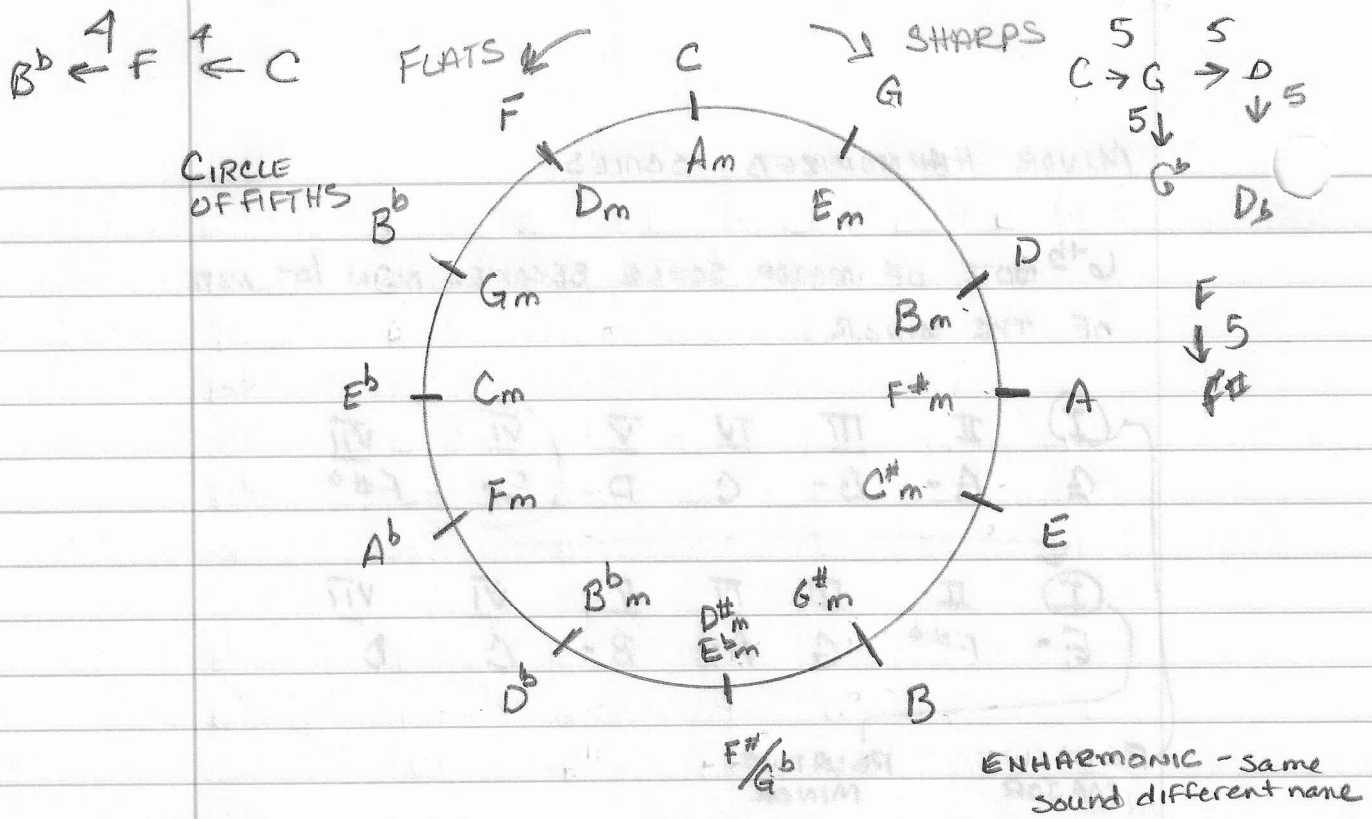
• I IV V IN A MAJOR KEY REMAIN MAJOR THE REST MINOR

II III VI MINOR VII DIM

MINOR KEY

I IV V - MINOR KEY

III VI VII MAJ II DIM



KEY OF C HAS 0 SHARPS 0 FLATS
 MOVE 1 CLOCKWISE TO G - G HAS 1 SHARP
 MOVE 1 COUNTER-CLOCKWISE TO F - F HAS 1 FLAT
 # FLATS / SHARPS INCREASE

Father Charles Goes Down And Enters Battle
 11 12 1 2 3 4 5

BEAD
 10 9 8 7
 F# / Gb
 6
 KEY OF Eb 3 flats
 bb, eb, ab
 KEY OF A 3 sharps
 f#, c#, g#

MINORS - RELATIVE MINOR OF THE KEY
 Am is same as key of C C major or Am
 PENTATONIC

How to know where to start
 Ab - Fm 8
 A - F# 3
 FATHER CHARLES - backwards
 F C G D
 3 4 5 6

HARMONIZED SCALES

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
C	D	E	F	G	A	B	C	D	E	F	G	A
C	D-	E-	F	G	A-	B ^o	C	D	E	F	G	A
A-	B ^o	C	D-	E-	F	G	A	B	C	D	E	F
G	A	B	C ⁺	D	E	F [#]	G	A	B	C	D	E
G	A-	B-	C ⁺	D	E-	F ^{#o}	G	A	B	C	D	E
E-	F ^{#o}	G	A-	B ⁺	C	D	E	F	G	A	B	C
D	E	F [#]	G	A	B	C [#]	D	E	F	G	A	B
D	E-	F [#]	G	A	B-	C ^{#o}	D	E	F	G	A	B
B-	C ^{#o}	D	E-	F [#]	G	A	B	C	D	E	F	G
A	B	C [#]	D	E	F [#]	G [#]	A	B	C	D	E	F
A	B-	C ^{#-}	D	E	F ^{#-}	G ^{#o}	A	B	C	D	E	F
F [#]	G ^{#o}	A	B-	C ^{#-}	D	E	F	G	A	B	C	D
E	F [#]	G [#]	A	B	C [#]	D	E	F	G	A	B	C
E	F [#]	G ^{#-}	A	B	C ^{#-}	D	E	F	G	A	B	C
C ^{#-}	D ^o	E	F ^{#-}	G ^{#-}	A	B	C	D	E	F	G	A
B	C [#]	D [#]	E	F [#]	G [#]	A	B	C	D	E	F	G
B	C ^{#-}	D ^{#-}	E	F [#]	G ^{#-}	A ^o	B	C	D	E	F	G
G ^{#-}	A ^o	B	C ^{#-}	D ^{#-}	E	F [#]	G	A	B	C	D	E
F [#]	G [#]	A [#]	B	C [#]	D [#]	E [#]	F [#]	G	A	B	C	D
F [#]	G ^{#-}	A ^{#-}	B	C [#]	D ^{#-}	E [#]	F [#]	G	A	B	C	D

F	G	A	B ^b	C	D	E
F ^{MAJ}	G ^{MIN}	A ^{MIN}	B ^b ^{MAJ}	C ^{MAJ}	D ^{MIN}	E ^o
D ^{MIN}	E ^o	F ^{MAJ}	G ^{MIN}	A ^{MIN}	B ^b ^{MAJ}	C ^{MAJ}

B ^b	C	D	E ^b	F	G	A
B ^b	C-	D-	E ^b	F	G-	A ^o
G-	A ^o	B ^b	C-	D-	E ^b	F

E ^b	F	G	A ^b	B ^b	C	D
E ^b	F-	G-	A ^b	B ^b	C-	D ^o
C-	D ^o	E ^b	F-	G-	A ^b	B ^b

A ^b	B ^b	C	D ^b	E ^b	F	G
A ^b	B ^b -	C-	D ^b	E ^b	F-	G ^o
F-	G ^o	A ^b	B ^b -	C-	D ^b	E ^b

D ^b	E ^b	F	G	A ^b	B ^b	C
D ^b	E ^b -	F-	G	A ^b	B ^b -	C ^o
B ^b -	C ^o	D ^b	E ^b -	F-	G	A ^b

G ^b	A ^b	B ^b	C	D ^b	E ^b	F
G ^b	A ^b -	B ^b -	C	D ^b	E ^b -	F ^o
E ^b -	F ^o	G ^b	A ^b -	B ^b -	C	D ^b

SPELLING CHORDS

FORMULA W W H W W W H

D CHORD

D I
F# III
A V

Big Cats Eat Fish
B → C E → F

E	F	G			
B	C	D			
G		A			
D		E	F		
A		B	C		
E	F	G			

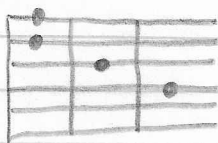
D CHORD

I V I III

d e f# g a b c
I III I

DISTANCE BETWEEN MAJOR
3RD AND ROOT IS 1 1/2 STEPS

F CHORD



TWO WHOLE STEPS IS A
MAJOR THIRD

NEED I III V AND FLAT 7 OF
MAJOR SCALE TO BUILD CHORD

I III V I
F A C F

G CHORD

G I
B III
D V

A CHORD

A C# E
I V I III V

Am CHORD

FLAT 3

A C E
I V I III V

I III V I V I

Em CHORD

E G B
I V I III I V

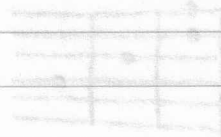
Dm CHORD

D F A
I V I III
Flat

THE DISTANCE BETWEEN THE ROOT AND 3RD DETERMINES IF IT IS MAJOR OR MINOR

2 WHOLE STEPS - MAJOR CHORD

1 1/2 STEPS - MINOR CHORD



MAJOR CHORD
TWO WHOLE STEPS IS A
3RD AND ROOT IS 1 1/2 STEPS
DISTANCE BETWEEN THIRD

MAJOR SCALE TO BUILD CHORD
NEED I II V AND PART OF

I III V I
F A C F

G CHORD A CHORD Am CHORD F#m CHORD
G I A C E A C E A C E
B III I F I B I I V I B I I V I B I
D V I F I B I I V I B I I V I B I

F#m CHORD Dm CHORD
F# A B D F A
I F I B I I F I B I
I V I B I I V I B I