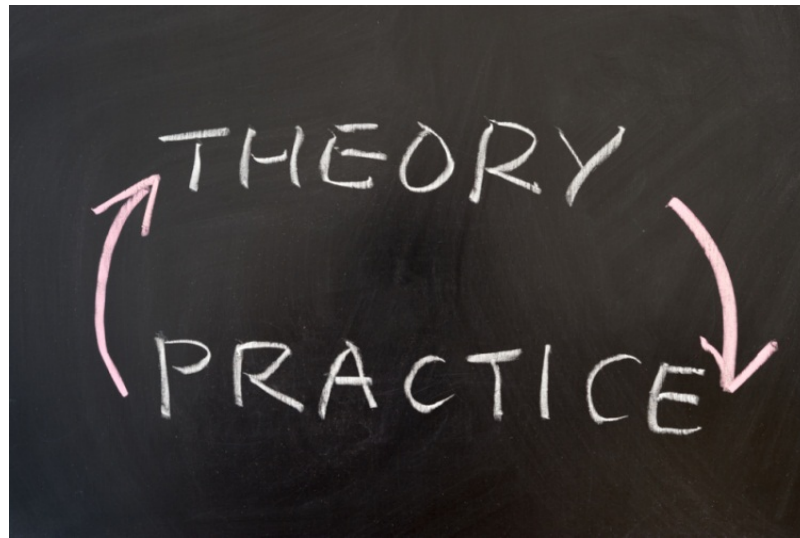# MUS120
# Music Theory and Sight Singing I

Dr. Kirsten Volness – 7 Sept 2018

# Pauline Oliveros

# Singing / Listening Exercises

1. Siren
2. Match pitch (blob chorus)
3. Shift Octave
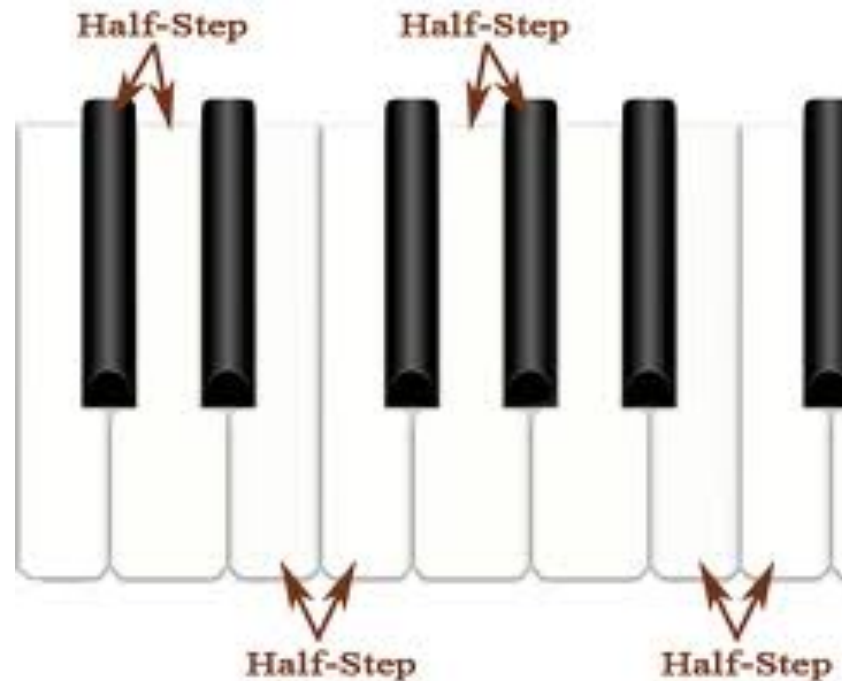4. Singing patterns (scales, triads, intervals, etc.)
5. Sight singing

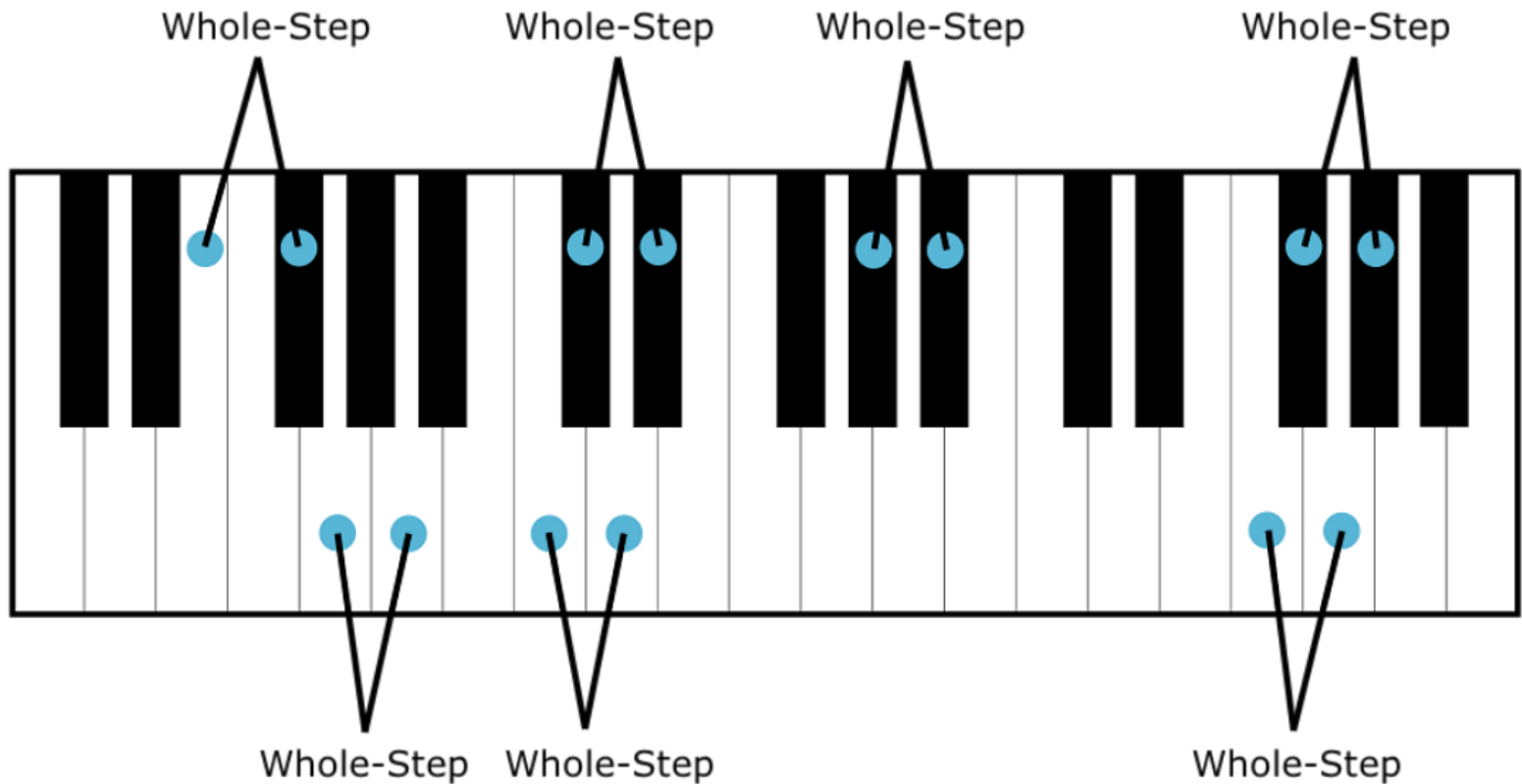# MAJOR SCALES

7 Sept 2018

# HALF STEPS
## As seen on a keyboard…



White note half steps are E—F and B—C.
(Each fret on a guitar is a half step as well.)

# WHOLE STEPS
## As seen on a keyboard...

Whole-Step    Whole-Step    Whole-Step    Whole-Step

Whole-Step    Whole-Step    Whole-Step

You'll notice there is one extra key in between.

# Two HALF Steps make a WHOLE Step

# MAJOR SCALE
# in C



| Whole | Whole | Half | Whole | Whole | Whole | Half |

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

# MAJOR SCALE
## in D



| Whole | Whole | Half | Whole | Whole | Whole | Half |
|-------|-------|------|-------|-------|-------|------|

| C | D | E | F | G | A | B | C |
|---|---|---|---|---|---|---|---|

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

# MAJOR SCALE
## scale degree numbers

| Whole | Whole | Half | Whole | Whole | Whole | Half |
|-------|-------|------|-------|-------|-------|------|

tetrachord                          tetrachord

| C | D | E | F | G | A | B | C |
|---|---|---|---|---|---|---|---|
| ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1 |

tonic                                                    tonic

# MAJOR SCALE
## (from the top down)



| Whole | Whole | Half | Whole | Whole | Whole | Half |
|-------|-------|------|-------|-------|-------|------|

| C | D | E | F | G | A | B | C |
|---|---|---|---|---|---|---|---|
| ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1 |

# MAJOR SCALE
## solfège (moveable do)
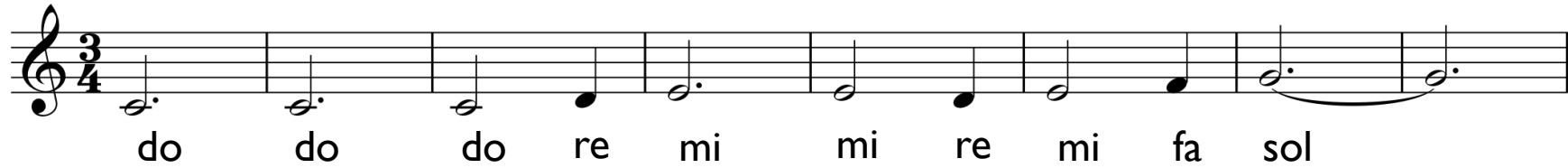


| Whole | Whole | Half | Whole | Whole | Whole | Half |
|-------|-------|------|-------|-------|-------|------|

| C | D | E | F | G | A | B | C |
|---|---|---|---|---|---|---|---|
| ^ | ^ | ^ | ^ | ^ | ^ | ^ | ^ |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1 |
| do | re | mi | fa | sol | la | ti | do |

# SIGHT SINGING

# SIGHT SINGING

# KEY SIGNATURES
# Circle of Fifths

FLATS
Going DOWN by 5th

**C**an't
**F**ade to
**B**♭lack (flats!!!!)
**E**♭ven
**A**♭fter
**D**♭ark
(**G**♭eez)
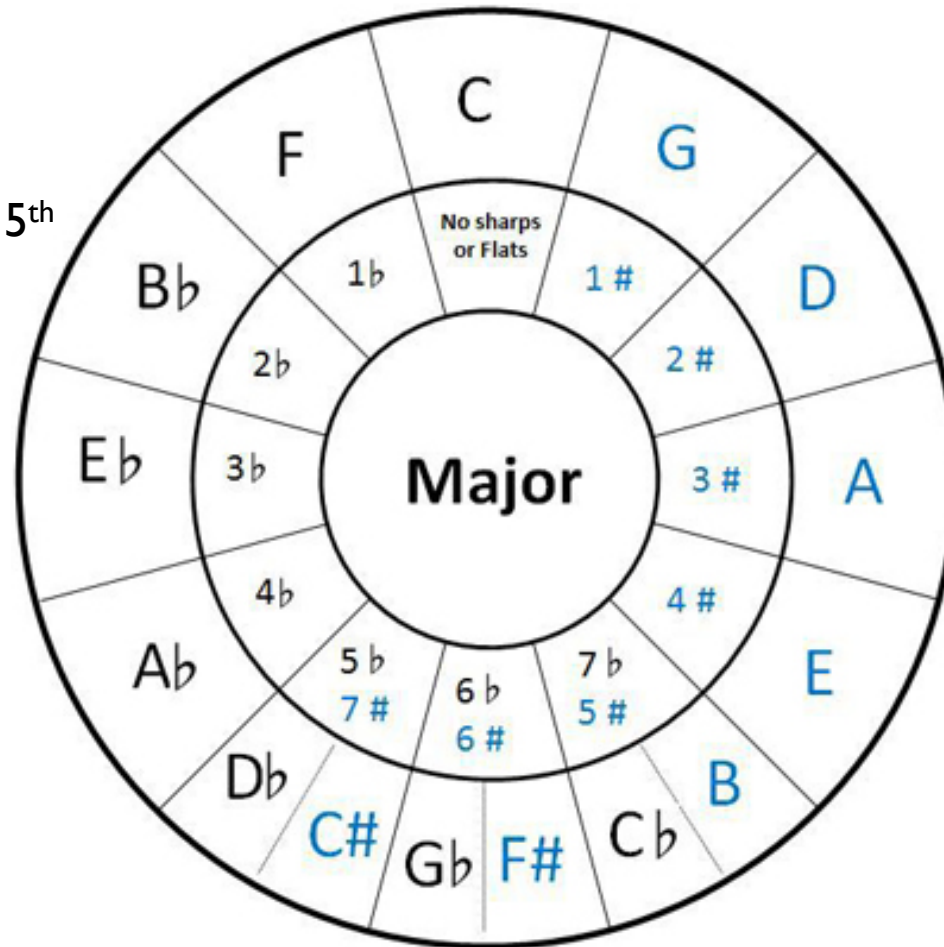
SHARPS
Going UP by 5th

**C**ome
**G**et
**D**own
**A**nd
**E**verybody
**B**oogie
(**F**#!!!)

# ¡REMINDER!

Sharps # go up!

Flats ♭ go down¡

# ¡¡Double Sharps and Flats!!

DOUBLE sharps (x) go up 2 half steps!!
(Gx = A)

DOUBLE flats ♭♭ go down 2 half steps¡¡
(G♭♭ = F)

# # KEYS with SHARPS #

- The first sharp we add is F#
- Each new sharp is 5$^{th}$ higher (F#, C#, G#...)
- **F**at **C**ats **G**o **D**own **A**nd **E**at **B**reakfast



HINT! Last sharp is the LEADING TONE! (half step lower than TONIC)

# ♭ KEYS with FLATS ♭

- The first flat we add is B♭
- Each new flat is 5$^{th}$ lower (B♭, E♭, A♭...)
- **B**♭lack **E**♭ven **A**♭fter **D**♭ark, **G**♭eez (**C**♭an't **F**♭ade)

F Major    Bb Major    Eb Major    Ab Major    Db Major    Gb Major

HINT! Second to last flat is the major TONIC (scale degree 1)