MUT 1001
FUNDAMENTALS OF MUSIC

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UNIT 4
MAJOR SCALES AND KEYS

HALF STEPS AND WHOLE STEPS
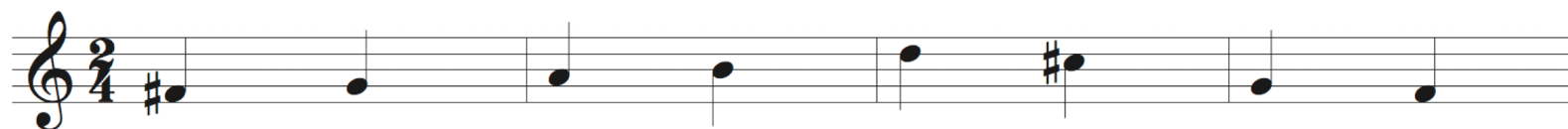whole step = a distance of two keys
half step = a distance of one key
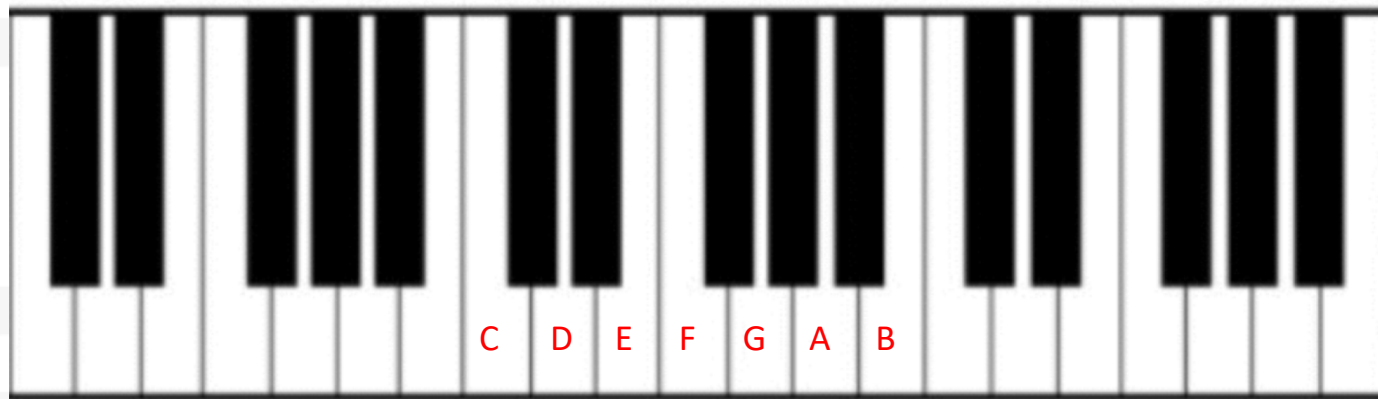
Ex. 4-1

half step   whole step   half step   whole step

Ex. 4-2

THE C MAJOR SCALE
distance between notes

W   W   H   W   W   W   H

Ex. 4-3

THE C MAJOR SCALE
scale degrees

$\hat{1}$ $\hat{2}$ $\hat{3}$ $\hat{4}$ $\hat{5}$ $\hat{6}$ $\hat{7}$ $\hat{1}$

$\hat{1}$	$\hat{2}$	$\hat{3}$	$\hat{4}$	$\hat{5}$	$\hat{6}$	$\hat{7}$
Tonic	Supertonic	Mediant	Subdominant	Dominant	Submediant	Leading tone

Ex. 4-4

THE C MAJOR SCALE
solfège

do   re   mi   fa   sol   la   ti   do

Ex. 4-5

THE C MAJOR SCALE
building a major scale

W   H   W   W   W   H   W   (not major)

W   W   H   W   W   W   H   (major)

Ex. 4-6

KEY SIGNATURES

major key signatures - keys with sharps

order of sharps: F C G D A E B

Order of keys with sharps	C	G	D	A	E	B	F#	C#
Number of sharps in each key	0	1	2	3	4	5	6	7

Ex. 4-7

KEY SIGNATURES
major key signatures - keys with sharps

Ex. 4-8

KEY SIGNATURES

major key signatures - keys with flats
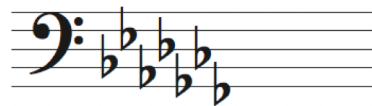
order of flats: B E A D G C F

Order of keys with flats	C	F	Bb	Eb	Ab	Db	Gb	Cb
Number of flats in each key	0	1	2	3	4	5	6	7

Ex. 4-9

KEY SIGNATURES
major key signatures - keys with flats

Ex. 4-10

KEY SIGNATURES
transposition

original melody

transposition using accidentals

transposition using key signature

Ex. 4-11